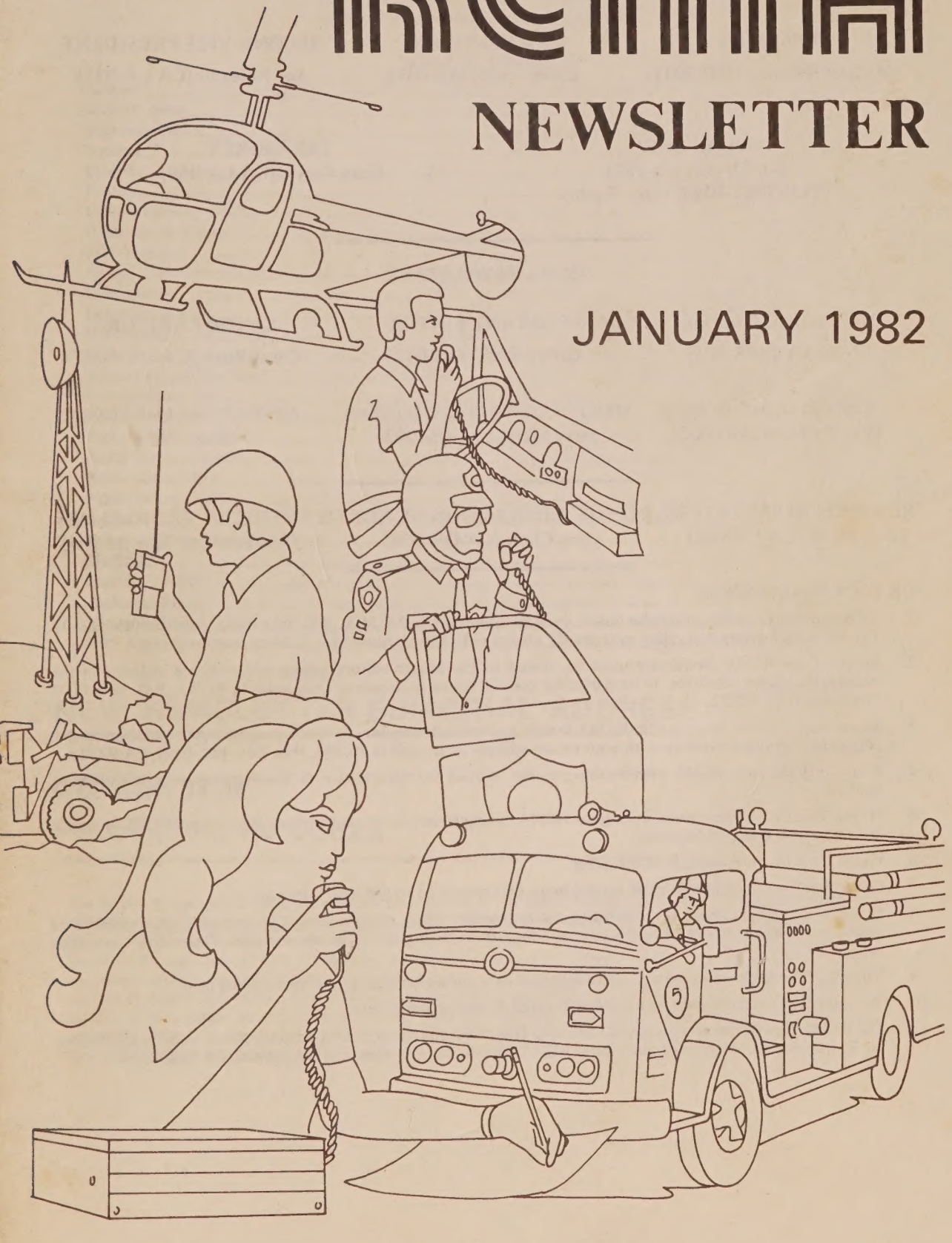
RCMA

NEWSLETTER



JANUARY 1982

FIRST NATIONAL AND INTERNATIONAL ORGANIZATION
OF MONITOR RADIO LISTENERS

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RCMA NEWSLETTER

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FOR YOUR INFORMATION:

1. All club business, unless otherwise noted, must be addressed to R.C.M.A., P.O. Box 4563, Anaheim, CA 92803. This includes matters that relate to renewals, changes of address, newsletter delivery problems, etc.
2. Input to the RCMA Newsletter must be mailed to the proper editors, whose addresses are included in the individual column headlines. If no particular column seems appropriate, send input to RCMA, P.O. Box 1119, Flemington, NJ 08822.
3. To forward a letter to a specific RCMA member whose address you do not know, put your message to that person in a stamped envelope with your return address on it; mail to RCMA, P.O. Box 408, Earp, CA 92242.
4. Please include your RCMA membership number with all correspondence to newsletter editors or club headquarters.
5. If you require a reply when writing to RCMA headquarters or to one of the editors, you MUST enclose a self-addressed, stamped envelope.
6. Please write on only one side of the paper.
7. Please don't combine in one letter several items that should go to different addresses.
8. If you want to type what you submit to the newsletter, please don't exceed a seven-inch column width and please single space. Doing this may save an editor from having to retype the material. Please don't use script type.
9. Your RCMA membership number and expiration date appear on your newsletter mailing label.
10. You may join or renew your membership for ONLY one year at a time.
11. The RCMA Newsletter accepts paid advertising. If you would like to place a paid ad, please write to the following address for our advertising guidelines: RCMA Newsletter, P.O. Box 4563, Anaheim, CA 92803.

RCMA NEWSLETTER
Issue 70 January 1982

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NEW NEWSLETTER EDITORIAL ADDRESS:

P.O. Box 1119
Flemington, NJ 08822

The RCMA Newsletter is published monthly by members of the RADIO COMMUNICATIONS MONITORING ASSOCIATION, P.O. Box 4563, Anaheim, CA 92803. Subscription rate/membership fee is $12.00 for U.S. residents. For persons in other countries, the following rates apply: Canada and Mexico—$13.50; Europe—$14.50, South Pacific and Asia—$15.00. These dues are payable in U.S. funds and are subject to change. Information contained herein is obtained primarily from members and does not necessarily present the position or reflect the opinion of RCMA as a whole. The RCMA Newsletter editors and officers are not responsible for the accuracy or validity of information contained herein. RCMA does not necessarily recommend or endorse products or services advertised herein. The publication is copyrighted ©. Reproduction of any material in this newsletter is prohibited without prior written consent.

** Calendar **

Send notices of upcoming events for the Calandar section to John Clark, RCMA, P.O. Box 4563, Anaheim, CA 92803. Please send notices well in advance of the Newsletter deadline.

The R.C.M.A. supports scanning and scanner clubs. If your local R.C.M.A. scanner group is having a meeting, or if you are another radio club planning a meeting, send an announcement to the Calendar Editor and it will be sent to all members of R.C.M.A. Because of individual member requests and previous problems, the Board does not feel that sectional mailing lists should be distributed.

Greater L.A. Area R.C.M.A.

Board meetings are open to all members of R.C.M.A. They start at 7:30 PM. Now that we have separated labeling of the newsletter, the meetings will be devoted to R.C.M.A. policy and, of course, the latest scanner activities.

R.C.M.A. Working Sessions have been scheduled for the first Tuesday evening of each month. Any member of R.C.M.A. or visitor is welcome to attend and/or assist in the suffeling of papers and attempts to ascertain what went wrong with member X's subscription.

NEWSLETTER DEADLINES:

*** please note the newsletter deadlines refer to the month the newsletter is to be mailed. Not the date on the cover. Information submitted by October 4 will be mailed to members in November. The November mailing carries a December cover date to assist USPS in their speedy delivery.

1982

January	4	MONDAY	Newsletter deadline for "February" mailing.
February	8	MONDAY	Newsletter deadline for "March" mailing.
March	8	MONDAY	Newsletter deadline for "April" mailing.
April	5	MONDAY	Newsletter deadline for "May" mailing.
May	10	MONDAY	Newsletter deadline for "June" mailing.
June	7	MONDAY	Newsletter deadline for "July" mailing.
July	5	MONDAY	Newsletter deadline for "August" mailing.
August	9	MONDAY	Newsletter deadline for "September" mailing.
September	6	MONDAY	Newsletter deadline for "October" mailing.
October	4	MONDAY	Newsletter deadline for "November" mailing.
November	8	MONDAY	Newsletter deadline for "December" mailing.
December	6	MONDAY	Newsletter deadline for "January" mailing.

********** 1980-81 R.C.M.A. Newsletter back issues are now available.

Price $1.50 per copy

Orders should be sent to:

R.C.M.A.
Bill Ell, Secretary
2831 Hermanos Street
Pasadena, Ca 91107

Greater L.A. Area R.C.M.A. meetings David A. Heywood CALA001 Presiding

December 18 FRIDAY L. A. Area Meeting: Mercury Savings and Loan, Valley View and Lincoln Avenue, Buena Park, Ca. 8:00 PM
Emergency Disaster Radio will be the topic of discussion.

January 15 FRIDAY L. A. Area Meeting: Mercury Savings and Loan, Valley View and Lincoln Avenue, Buena Park, Ca. 8:00 PM
Special police communications meeting. Details to follow.

Gorden West CAOR017 a long time R.C.M.A. member and Editor of CB Magazine will be offering another class in amateur radio the first week of February at Orange Coast College, Costa Mesa, Ca.

While the class is directed at getting you an amateur radio license, the material coverd will assist you in understanding some of the technical aspects of monitoring. Enrollment procedures require that you be enrolled prior to the start of class. (This is a change from previous classes).

Most of the members of the Greater L.A. Chapter of R.C.M.A. have taken the class and recommend it. For more information call 714 549 5000.

Members in other areas should check with their local community colleges for a similar course.

1982 RCMA-CHICAGO MEETING SCHEDULE

Saturday,	January	16, 1982	1:00 PM	
Saturday,	March	06, 1982	1:00 PM	
Saturday,	April	24, 1982	1:00 PM	
Saturday,	June	12, 1982	1:00 PM	
Saturday,	July	31, 1982	1:00 PM	
Saturday,	September	25, 1982	1:00 PM	
Saturday,	November	13, 1982	1:00 PM	

NOTE !!!

Additional club news on pages 8,59,60,61

Possible picnic, late Aug, 1982 hopefully on a Sunday.
Tours scheduled as we can get them, sometimes on short notice! Self-addressed stamped envelopes on file assure notification of these extras.
These dates are firm. Put this sheet away by your scanner for future referance.

Edward Robert Sirovy IL-004
312-969-2856.....311 S. Williams Street
Westmont Illinois 60559

NANCINI'S RESTAURANT 5555 St. Charles Rd. Berkeley Il. 60163 312-544-7277. 2 blocks east of the St. Charles Rd. exit, I-290 (Fisenhower Expressway Extention).

About that 1982 meeting schedule, we got a surprise that Nancinni's could not guarantee Sunday dates so we have to hold all our meetings on Saturdays. Our Sunday affairs had good attendance and I'm sorry we couldn't continue to hold some of them in 1982.

Somthing new has been added, a 7th meeting. Meetings will held roughly every 7th week. A longer layover will take place over the winter holiday period.

Some thought was given about bad weather during our January meeting. If we didn't schedule a meeting, nobody would show up. Even if a Blizzard with 5 foot snows takes place maybe at least 5 people show

up. Thats 5 people more than show up if no meeting is scheduled. A 2½ month layover otherwise would be a little long.

Hopfully a Sunday picnic in August will partially make up for the lack of Sunday meetings but we won't know about that till January when picnic permits become available.

NEED BACK ISSUES?

Back issues are again available for sale to members in the lots indicated below. Please note that the RCMA Newsletter is a club newsletter. Because it reflects the growth of RCMA, early issues do not contain as many articles as do the current ones. The Newsletter has evolved from a few mimeo pages to its present format under the leadership of three great editors---Don Jones, Iden Rogers, and Chuck Gysi---and the contributions of club members.

The reproduction of the articles is quite readable. To cut costs and allow the possibility of binding all the reprints in a notebook, the format of later newsletters has been changed from saddle stitch to edge binding. This has changed the page order presentation, but not the content of the articles or the frequency lists.

To order: Using the information given below, send your requests to R.C.M.A., Bill Ell, Secretary, 2831 Hermanos St., Pasadena, CA 91107. Be sure to include your name, address, RCMA membership number (it is on your label), and your check or money order payable to R.C.M.A.

PRICES VALID UNTIL JANUARY 1982

Lots (Months/Year)	No. of Issues	Price
Sept 75 – June/July 76 (No Oct or Nov published)	7	$ 2.00
Aug – Dec 76 (No Oct published)	4	$ 3.00
Jan – June 77	6	$ 4.00
July – Dec 77	6	$ 4.00
Jan – June 78	6	$ 5.00
July – Dec 78	6	$ 5.00
Jan – June 79	6	$ 6.00
July – Dec 79	6	$ 6.00

THOUGHT waves

Chuck Gysi, Managing Editor, P.O. Box 1119, Flemington, NJ 08822

Our congratulations go out to RCMA's new officers for the coming year. Elected by the membership were: Mike Redman, president; Larry Smith, vice president; and Joe Freezon, vice president.

This will be the first time RCMA's officers are from outside Southern California and we wish them the best of luck. It shouldn't be that difficult on them; afterall, I'm certainly not from California and have been running the newsletter for some time now. It works quite fine and I'm convinced it will work fine for our new officers.

We're still looking for a few editors for various columns. Hopefully by the time you read this, a few appointments will be made, but some openings still will be available. If you're interested in writing one of the columns listed throughout the newsletter that are in need of an editor, drop me a line so we can discuss your qualifications. Hopefully, by the next issue, we'll have a new editor for the Shortwave Utility column.

Best wishes to everyone for the new year, 1982. I'm sure some of you have made resolutions to spend either less time or more time in front of the radio (depending on your marital status, right?) in the coming year. And if you were one of the lucky ones to get a BC-100 or M-400 for the holidays, tell us what you think of the radio.

Well, it looks like some of us federal government monitors will be listening to a few less agencies in the coming months. Congressional budget cutters have given the ax to the Bureau of Alcohol, Tobacco and Firearms and redistributed their duties to the FBI and the Secret Service and Customs. While we may not have the ATF's five channels to listen to anymore, we'll have to keep a closer ear on the channels used by the other Treasury agencies handling the duties.

YOUR THOUGHTS

P.O. Box 1119, Flemington, NJ 08822

To the editor:

I was overwhelmed at the response to my recent ads in the RCMA Marketplace. I was receiving phone calls even before I received my copy of the RCMA Newsletter! I want to thank everyone who wrote or called in response to the ads, and I want to apologize for not being able to return some of the phone calls due to my erratic work schedule.

Chuck O'Connor (CA-SC-017)
San Jose, California

To the editor:

I would like to take this opportunity to thank you for the mention of my book in the November issue of the RCMA Newsletter.

RCMA members may obtain copies of "The Complete Action Guide to Scanners & Monitors" at a cost of $8.95 postpaid (U.S. only) by writing to me and enclosing a money order. Please note that this $8.95 price actually is $1 less than the cover price and about $3 less than mail order outlets are selling it for.

As for the buyers' guide section being outdated, this just goes to show how slow some publishers are in getting a manuscript into print. Most of the stuff was state of the art when I wrote it (about three years ago).

In closing, let me say thank you again for your coverage of my work. Also, keep up the great job on the newsletter. RCMA certainly is the only legitimate scanner association and in any revisions, you can be assured they'll be the only scanner club mentioned.

Louis A. Smith II (PA-026)
R.D. 6, Box 479
Latrobe, PA 15650

SPECIAL FEATURE!

A Message From The President ~~~~

Greetings! May I express my thanks and appreciation to the RCMA membership for electing me to the post of President. I'll try to do a good job with club business and appreciate your guidance and support. Each month I'll try to put together some notes on what is current in club business and present it to you. Please send your comments and suggestions to the Anaheim PO Box, rather than St. Charles. I'll be trying to keep current with existing column correspondence and regular correspondents. Additional mail would slow me down gum up the works. Send your comments and suggestions to the Anaheim Post Office Box marked "Board of Directors". They will see that pertinent ideas get to me. Not only have you elected me as President, but you have elected Larry Smith as Vice President- another hard RCMA worker and a good choice by you. Larry and I try to get together by mail and phone periodically to discuss club business, and Larry welcomes mail of any type- but particularly mail on club ideas, suggestions, and problems. You may contact Larry at: 1223 Vinsetta Blvd., Royal Oak, Michigan, 48067. Larry has a cottage where he spends some time, so if you try to call him at 313-398-9797 (Royal Oak) and get no response, try 517-856-2830. Our second vice president is Joe Freezon. I have not as of this writing had the pleasure of speaking with Joe, but I'm sure I will as time goes by. We'll try to work as a team to help make the RCMA even better than it is already. But we can't do it without your help, so keep the mail coming in!

I'd like to use this paragraph to tell a little about myself. I'm 30 years old, married with 3 children, and reside in St. Charles, with is just northwest of St. Louis. I was raised in the City of St. Louis. My hobby of monitoring began at Christmas, in 1967, when I received a Realistic Patrolman radio for Christmas. At that time the City police had 6 VHF channels, County police had 3, and County Fire had 3. My interest grew as did these departments' radio systems. Today City has 12 channels, County 9 channels, and County Fire 8. I now have 11 monitors, most built in to a custom built console featured in a photo column a few years back. Three of the monitors are amplified and fed through a whole house monitoring system with speakers in every room. I began working with the City of St. Louis Police in 1972 as a computer operator, and went to St. Louis County Police as a Dispatcher in 1974. In January of 1981 I was promoted to Communications Specialist for Police and Civil Preparedness in St. Louis County, responsible for county agency systems consulting, inventory control of 600 mobiles/portables, and over 35 base stations, radio problems and procedures, and the County's emergency warning systems. I have been writing the PS-Central column for several years, since its inception by the famous Iden Rogers some years back. The photo column was later added. Last year the St. Louis members formed a local chapter which now meets monthly, a group I am pleased to interact with.

I have Regency, Bearcat, and Sonar equipment and have no real preference. My only programmable is a Bearcat 210, and I plan to purchase a Regency programmable as funds become available. I own a microfiche reader and have access to the FCC microfiche and IRAC files. Sure beats printouts. Radio is pretty much my only hobby although I do enjoy classical music. We're members of the First United Methodist Church in St. Charles, and I guess that's about it.

One of the first items brought to my attention as President was the matter of advertising. There have been a few problems, so we have

discontinued advertising for awhile. During this period, we need your help in evaluating the advertising program. Please write to us at the Anaheim box and let us know the following:

1. Do you favor advertising in the Newsletter?
2. Have you had any problems with advertisers?
3. How do you feel about prices? Should we print them? Should we not print them? What do you think?
4. Should we limit ad size (no bigger than a single page per advertiser, perhaps)?
5. Shall the Board have final say in advertising content?
6. Anything else?

If we decide to resume advertising, new guidelines will be drawn upon your comments. Advertisers will be sent the guidelines and asked to sign and return a copy agreeing to all terms set forth.

While you're writing that letter, also let us know how you feel about the Newsletter Columns. Would you like to see new columns? Old ones restructured? Would you like to see us do away with the Shortwave column and return to a VHF-only club? Should we abolish the Low Band Skip Column? What new columns would you like to see?

Don't forget that all columns are only as good as your input, so be sure to contact your column editors with questions, frequencies, and system details. Joe, Larry, and I will be looking forward to hearing from YOU!

ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

NEWS HIGHLIGHTS

ANARC is a federation of the most responsible, well established radio listening clubs in North America. RCMA attained Full Member status in ANARC in 1977. For a list of the ANARC Member and Associate Member clubs, send a self-addressed, stamped business size envelope with your request to the address below. For an annual subscription to the monthly 'ANARC Newsletter,' send $3.50 to: ANARC, 557 N. Madison Ave., Pasadena, CA 91101.

ASWLC work sessions scheduled 11:00 am Saturdays at club HQ 16182 Ballard Lane Huntington Beach, CA Jan 2 and Jan 31

Correction to SDDXC listing page 7 November issue:

International DXers Club of San Diego (SDDXC)
1826 Cypress St Founded 1978
San Diego, CA 92154-1154
Coverage: Receiver & Equipment descriptions and critical evaluations in non-technical language plus hobby news. LW,MW,SW,VHF/UHF,RTTY,UTES,TV & FM
Publications: Monthly Bulletin $10 yr $17.00 Overseas,Shortwave Hobby Equipment Review 1981 $5.95, 1982 Supplement "A", Supplement "B" & Random Ramblings $2.75 each... Sample Bulletin $1.00 o'seas 5 IRCs

RCMA/Chicago **Newsletter 9** October 1981

Edited by Michael Yanul (IL-014)

Next Meeting:
November 21, 1981, Saturday-1 PM, Nancini's Restaurant, Berkeley, IL.

In September we toured the Chicago Fire Academy and new Dispatch Center. We were given an excellent tour by Lt. Ponce deLeon,an instuctor at the Academy. After touring the classrooms and training area, we visited the new Dispatch Center. At the Center we were greeted by Fire Alarm Operators and fellow RCMA members, Greg Bishop (IL-065) and James Evans (IL-066). Mr. Bishop gave us an insiders view and explanation of how the new 800 MHz Computer Aided Dispatch Center will work when it begins operation in early 1982. The Chicago Fire Department arranged this tour just for our chapter. On behalf of our members, I wrote thank you letters to the Department officials who made our special tour possible.

Increasingly our chapter has benefited from having members who are employed in Public Safety. The tours of the Chicago Fire Dispatch Center and the DuPage County Communications Center (Du-Comm), are just two recent examples of how these members have provided us with their first hand knowledge. We are very fortunate to have Public Safety radio dispatchers, Police Officers and Firefighters in our chapter.

During our September meeting we selected the 1982 meeting dates and Ed Sirovy (IL-004), presented an excellent slide show of the Fire Academy and Dispatch Center tour. Due to preferances voiced by the management of Nancini's and various member's wives, Sunday meetings have been eliminated from next years meeting schedule. Except for a possible Sunday picnic sometime in August, all of the following 1982 meeting dates will be on Saturday. JANUARY 16th, MARCH 6th, APRIL 24th, JUNE 12th, JULY 31st, SEPTEMBER 25th, NOVEMBER 13th.

Twenty-one members and four guests were at the September meeting. In attendance were: Ed Sirovy (IL-004), Ron Smithberg (IL-009),John Arendt (IL-012), Michael Yanul (IL-014), Rich Neva (IL-025), Dennis Biagioli (IL-026), Michael Macak (IL-031), Rob Hupp (IL-036), Joe Vinci (IL-059), James Cavanagh (IL-060), Brandt Niemuth (IL-084), Harold Pinnow (IL-092), George Chao (IL-115), Martin Bourgeois (IL-125), Robert Quinlan (IL-157), Scott Lowry (IL-179), Dale Garbin (IL-?), George Moe (WI-004), Tom Heiderer (WI-006), Robert Trivalos (WI-026), Jack Waterman (CA-OR-118).

The Chicago traffic report service of Shadow Traffic Network (462.550) is facing stiff competition from it's former employee Gary Lee's new Traffic Radio organization. Traffic Radio's mobiles operate on 462.600 (KAC-9310). In addition to the radio reports, Gary Lee broadcasts from NBC's (WMAQ-TV) NewsChopper 5 with live Mini-Cam. From the helicopter (also known as Peacock 5) Lee communicates on WMAQ's regular Media frequencies (161.76, 455.550 etc.) and the Traffic Radio frequency (462.600). Lee's Traffic Radio unit number is 905.

Marty Toomajian (IL-139) reported hearing the RCMA Ham Net. The Net is on at 1900 E.S.T. on Tuesday and Thursday nights. Frequency 1-7206, F2-7213, F3-7233, F4-7290. Marty had heard Dave Nugent (IN-002) KA9 ELR, on 7206.

? Beginners ?????? Corner

Have a question? If you are a new scanner listener and don't understand something about monitoring that almost everyone else seems to understand, send in your question. When possible, your question and the answer will be printed. No answers will be sent by return mail. Your name will not be printed. Write to: David E. Crowley, 7234 Balson Ave., University City, MO 63130.

Q. Can I use a VHF/UHF/FM Television Splitter to feed two scanners from one outside monitor antenna?

A. Yes, but let's straighten out some of the terminology first. A Splitter takes a wide band RF signal and separates the VHF, UHF and FM components, providing each component at a separate output terminal. An antenna Combiner performs the inverse function, collecting inputs from separate VHF, UHF and FM antennas and provides a single wide-band output. If you have one scanner with separate UHF and VHF antenna inputs, or separate VHF and UHF scanners, then you need a Splitter to separate the UHF and VHF signal components from the monitor antenna. But, if you have two, or more, wide-band UHF/VHF scanners to feed from one wide-band monitor antenna, then what you need is a multi-set TV Coupler to to reduce the amount by which the scanners interfere with each other. Splitters, Combiners and Couplers constructed from passive electronic components such as resistors, capacitors and inductors will produce an unavoidable loss in signal strength. When multi-set TV Couplers include amplification, I usually call them TV Distribution Amplifiers, since many TV sets, or scanners, can be fed from one outside antenna without a loss in signal strength. Due to similarities among the frequency bands use by TV receivers and scanners, a Combiner/Splitter/Coupler system using TV components will work quite well for monitoring, if high-quality components, such as Blonder-Tongue, are used. Also, make sure that each component is designed to work with 73-ohm coaxial inputs and outputs, so that signals can be connected directly to your scanner without the need for 300/73 ohm transformers.

Q. A powerful paging system antenna is to be installed about a mile from my house. Is there anything I can do to prevent the paging signals from ruining reception in my scanner?

A. I can't provide the definitive solution, but here is a suggestion. If the paging interference stops when all antennas are disconnected from your scanner, then a filter can be placed between antenna and scanner to attenuate the interfering RF signal. Do not confuse an RF filter with the Audio Frequency (AF) filter in the loudspeaker circuit. The kind of filter required for this job is called a notch filter or a wave trap, since it is designed specifically to short the interfering RF frequency component to ground while passing components above and below this frequency to the scanner's antenna input circuitry. Probably the best technical advice for this kind of problem would come from an amateur radio operator experieced in the design, installation and maintenance of two-meter repeater stations. Filters of this type are available commercially, but at considerable cost, from companies such as Decibel Products in Dallas Texas or Phelps-Dodge in Marlborough, New Jersey. If antenna disconnection does not reduce the paging interference, then a more drastic solution will be needed. The solution I have in mind is electromagnetic shielding, a procces which can unloose a veritable Pandora's Box of electronic gremlins. Readers with better ideas, please write!

Q. Where can I get a copy of the Repeater Directory mentioned in the August column?

A. From the American Radio Relay League, Newington, CT 06111, for $1.00.

Business, Etc.

This column is for reporting frequency and radio system information for the following varied services: business, forest products, petroleum industry, special industrial, manufacturers, news media (behind-the-scenes radio, TV & newspaper), motion picture industry, security (private patrol, detective agencies, campus security & police, amusement park & stadium security, shopping center & mall security, plant/business/ hotel security, etc.), General Mobile Radio Service (GMRS), mobile phone/RCC & paging, trucking firms, bus lines, taxi cabs, tow trucks, utility companies (private & municipal water, power, electric, gas, telephone, etc.), and all school & college related frequencies.

EDITOR NEEDED!

Do you have an interest in business frequencies? Do you know the difference between an itinerent and local control channel? Can you recognize a press relay frequency from a manufacturing allocation? Can you type well? Do you have several hours a month (4 to 6 hours at the most) do devote to RCMA? Then, your help is needed to take over this column. The newsletter needs a new editor for this column and we would like the new person to take over as soon as possible for this popular section. If you can answer " yes" to the above questions and would like to take on the challenge, TYPE a letter stating your qualifications to RCMA Managing Editor, P.O. Box 1119, Flemington, NJ 08822.

MICHIGAN SECURITY COMPANIES

From LARRY SMITH [MI-001]:

151.625	WSR305	JOWA SECURITY SERVICE	BM	DETROIT
151.625	WXP761	PALADIN SECURITY SERVICE	BM	GROSSE PTE.
151.625	WYY269	MERCHANTS SECURITY	BM	LINCOLN PARK
151.625	WYV501	EARLY WARNING SYSTEMS	BM	STURGIS
151.625	KA61473	STATE SECURITY SERVICE	M	TRAVERSE CITY
151.775	KRT627	REGAN FINKLER PRIV. DET.	BM	GRAND RAPIDS
151.775	KGZ230	AMERICAN BUREAU OF INV. SERVICES	BM	FARMINGTON
151.775	KZA880	MICHAELS SECURITY AGENCY	BM	PONTIAC
151.805	WQH313	MERCHANTS DETECTIVE AGCY.	BM	LINCOLN PARK
151.805	WZH711	BISON SECURITY SERVICE	BM	NEW BUFFALO
151.805	KAI603	MARTELL SECURITY ASSOC.	BM	ROYAL OAK
154.515	KWD227	VALLEY SECURITY PATROL	BM	AU GRES
154.515	KEE802	LEES COTTAGE PATROL SERV.	BM	OSCODA
154.515	KKE460	DYEK SECURITY SERVICE	BM	PORT HURON
154.540	KJG656	SOUTHEASTERN SECURITY	BM	ADRIAN
154.540	KYH754	RETAILERS SECURITY SERV.	BM	PORTAGE
154.540	KZD560	CONLEYS DETECTIVE & SECURITY	BM	SAGINAW
461.125	KSL566	NORTH CENTRAL SECURITY & INVESTIGATION	MR	MIDLAND
461.250	KXT414	JOWA SECURITY SERVICE	MR	DETROIT
461.350	WXK418	CERTIFIED SECURITY SERV.	BM	FLINT
461.350	KYK778	TITAN SECURITY SERV.	MR	DETROIT
461.700	WQL468	THUMB SECURITY AGENCY	BM	BAD AXE
462.025	KCM400	SAFETY SYSTEMS ALARMS	MR	JACKSON
463.250	KJY345	SENTRY SECURITY SERVICES	MR	DETROIT
463.425	KKJ516	STAGNER RESIDENTIAL SEC.	MR	SOUTHFIELD
463.600	KDH537	VANCE SECURITY AGENCY	MR	DETROIT
463.650	KIF973	HARRIS DETECTIVE AGENCY	MR	DETROIT
463.675	KXW545	HUFFMASTER DET. AGENCY	MR	HADLEY
463.950		GUARDIAN GUARD SERVICE	MR	DETROIT
464.200	KQM908	HUFFMASTER DET. AGENCY	MR	DETROIT

464.275	KEF534	GREAT LAKES SEC. PATROL	MR	PORT HURON
464.300	KYY428	AAA SECURITY ALARM SYS.	MR	SOUTHFIELD
464.425	KCD618	DAYTON-HUDSON PROPERTIES	MR	PORTAGE
464.575	KXL596	DAYTON-HUDSON PROPERTIES	MR	SOUTHFIELD
464.850	KQV423	CENTURIAN SECURITY	MR	SOUTHFIELD

From Rick Prelinger (CA-SF-002):

SAN FRANCISCO
BUILDINGS AND STORES

151.685	KLC481	Golden Gateway Center (San Francisco)
151.805	KRB769	Milton Meyer & Co. (San Francisco)
151.895	KTK278	The Emporium (San Francisco)
151.955	KYO753	Fine Arts Museums of San Francisco (also KYO754)
154.515	KVX593	Macy's (San Francisco)
154.540	KRB912	Macy's (San Francisco)
157.740	KSK761	I. Magnin (San Francisco)
157.740	KVU286	Embarcadero Center (San Francisco)
463.625	KXA866	Tishman San Francisco
464.475	KVR253	The Cannery (San Francisco)
464.925	KSV299	Ghirardelli Square (San Francisco)
464.975	WZK762	Calif. Academy of Sciences Museum (S.F.)
151.865	KRD548	Kaiser Center (Oakland)
158.460	KRD549	Kaiser Center (Oakland)
154.515	KKW747	Eastmont Mall (Oakland)

SAN FRANCISCO
CORPORATIONS

151.655	KXY348	Bechtel (S.F.)
151.775	KIB814	Crown Zellerbach (S.F.)
151.865	KQY524	Bank of America (S.F.)
154.625	KXT572	Levi Strauss (S.F.)
158.370	KDD410	Chevron (S.F.)
158.460	KST396	Bank of America (S.F.) also KXX938
462.050	KAM809	Bank of America (S.F.)
464.525	KIT740	Bank of America (S.F.)
484.1125	KWU742	Crocker National Bank (S.F.) also KXW335
489.2875	KNP823	Bank of California (S.F.)
489.8125	KU8396	Bechtel (S.F.)
461.700	KGB402	Union Bank (Oakland)

From DOUG STAGNER (CA-SD-031):

SAN DIEGO GAS & ELECTRIC CO.

Station A	Station A
Carlsbad	Station O
Eastern Operations	Station E
Escondido Operations	Station S
Gas Control	Station C
Kearney Electric Maint.	Station Q
Mission	Station M
Mountain Empire	Station X
Orange Cnty Operations	Station R
Plant Construction	"Construction"
San Luis Rey	Station L
Trouble	Station Y

BASE STATION LOCATIONS AND CALL SIGN

KA-6869	Mobile	
KBK-366	Encino	153.50
KFE-261	Campo	153.65
KFV-499	Mission	153.71
KJU-716	Capistrano Mt.	153.50
KLJ-505	Volcan Mt.	153.50
KMA-265	Otay Mt.	153.71
KMB-323	Palomar Mt.	153.50
KMH-541	El Cajon	153.50
KUE-337	Palomar Mt.	153.575
KXE-509	Carlsbad	451.525
WAL-435	San Diego	451.625
KRI23	San Diego	153.44

RADIO CODES

800	Message Received
801	Routine Assignment
802	Urgent Assignment
803	Any Assignment? (Location)
804	Nothing For You
805	Cancel Last Assignment
806	What is your location?
807	Repeat Message
809	Call By Phone
810	Stand By
811	In Service (Location)
812	Out of Service (Location)
813	Job Progress
814	Too Weak to Read (Change Location)
888	Emergency

contact/info wanted

This column has two purposes: to help members contact each other, and to help members obtain information directly from one another on various subjects related to 2-way communications monitoring. If you desire to converse, meet, or correspond with other members by telephone, letter, or cassette tape in a certain geographic area or with members who have similar listening interests, this is the perfect place for you to make your desires known. Remember-those who respond will do so directly, so be sure to provide your phone number, the best time to be called, or your address.

Write to: John W. Darr, P. O. Box 1652, Cheyenne, WY 82003-1652

MAPS NEEDED: Member wishes any and all state outline maps showing county/state police districts, etc. Will trade for similar Illinois map showing county outline and state police district boundaries. Guaranteed response! [8-4-81]
RICHARD K BAUER (IL-173), 151 Algonquin, Park Forest, IL 60466 // (312) 747-0547

ATTENTION FLORIDA MEMBERS: With a bit of editing, Eric Gaskell has this to say: I have to regret that I am no longer interested in forming an RCMA Chapter in the State of Florida. Reason is the lack of interest. I only received 6 inquiries out of a total membership of 108 in the state. I thank all that I heard from. [9-30-81]
ERIC P GASKELL (AZ-ØØ3), 1925 16th Ave, Apt 210, Vero Beach, FL 32960

MPRR INFO? Here's a member who would like to receive information pertaining to the Missouri Pacific Railroad, especially train identification systems. [9-30-81]
LARRY SOMA (IL-Ø96), 616 St Louis, Columbia, IL 62236

IA/IL/MO INFO WANTED: Oklahoma member interested in obtaining PD and FD codes for the three states Iowa, Illinois, and Missouri. Especially needed are the Iowa codes. He'll appreciate any and all responses. [10-1-81]
TIMOTHY HAAS (OK-Ø25), ORU Box 313, Tulsa, OK 74171

LOOKING FOR PUBLICATIONS: New member is interested in reading back issues -- Jan to Aug 1981 -- of the RCMA Newsletter. He'll buy them or pay postage both ways, copying them during the interim. ALSO, can anyone tell him where he can obtain a copy of the "Radio Communications Guide" by Steve Handler? It's out of print, and apparently sold out. [10-3-81]
ART LEWIS (IL-195), 802 N Parke Street, Tuscola, IL 61953

NEW SCANNER CLUB IN ALAMEDA COUNTY (CA): R.C.M.A. members trying to establish a club. ALL members interested in participating, please contact:
Dean DeLaho (CA-AL-Ø28), 27659 Miami Ave, Hayward, CA 94545 [10-7-81]
CLIFF POLKINGHORN (CA-AL-Ø29), 14310 Acacia St, San Leandro, CA 94579

NEW YORK CITY AREA GMRS NET FORMING: Several NYC-area members currently utilizing wide coverage area GMRS repeater invite additional R.C.M.A. members to join this elite group for the sole purpose of discussing scanning and related activities on the air. You buy your own 2-way UHF equipment from any source you desire (minimum investment probably about $500). No monthly charges! Contact below for frequency and CTCSS info. This is the wave of the future; ride it! [10-8-81]
TONY LOVING (NJ-ØØ5), P O Box 741, Ridgewood, NJ 07451 // (201) 652-5252

U S NAVY BLUE ANGELS: Member would like any list of frequencies used by the Navy's Blue Angels on any radio band. Also would like to know the air - air frequency for the USAF Thunderbirds. Also, would like to exchange frequency lists for Andrews AFB, MD, including the number code for each frequency. [10-13-81]
RICHARD KRAMER (PA-Ø93), 340 Main St, Blandon, PA 19510

CALLING MIAMI FLORIDA-AREA MEMBERS: Interested in any and all federal government non-military frequencies, in exchange for any info you might need, whether federal or local, pertaining to the State of Florida. All responses will be gratefully appreciated. [10-13-81]
KEN BRYANT (FL-126), 548 W. 53rd St., Hialeah, FL 33012 // (305) 821-8345

WANTED: Information how to obtain FCC microfiche listing of all FCC licensees in upstate New York, or purchase the same from anyone who has it. [10-15-81]
DENNIS RUDA (NY-Ø57), 42 Harry L Drive, Johnson City, NY 13790

FIRE FREQUENCY INFO WANTED: Here's a member with a real, and important, problem, and he's asking for help. Will members -- anywhere -- please monitor 33.48 MHz, particularly during the daylight hours. This is a frequency recently assigned to the Athol Fire Department, and they are having a problem with unsquelchable carriers and skip. Or something! Please report traffic to the below. [10-16-81]
PAUL BATUTIS (MA-Ø82), 495 Cottage St, Athol, MA 01331 // (617) 249-4594

NEW YORK STATE 10-CODES WANTED: Need 10-codes and frequencies for the following counties in New York state: Rockland, Orange, Putnam, Sullivan, Westchester, Columbia, and Greene. [10-17-81]

ALSO: Does anyone in New York state or New York City have access to the F.C.C. microfiche? If so, please contact: [10-20-81]
ARTHUR E WILLIAMS, Jr (NY-Ø22), 576 Springtown Rd, New Paltz, NY 12561 //
(914) 658-9467 6 pm - 10 pm

ST LOUIS - JEFFERSON CO. MO FREQ SWAP: New member wishing to exchange info, needs PD, Hiway Patrol, FD, air, and any federal. Also info on modification of Bearcat 250. All responses truly appreciated. [10-19-81]
DAVE HALLEMANN (MO-Ø62), Rt 3, Box 160-55, Hillsboro, MO 63050

MARYLAND INFO WANTED: Maryland-area member would like to obtain a list of the Unit Number assignment used by the Maryland Department of Natural Resources on 39.220 MHz. Also same type list for Maryland State Police. Can Xerox your list and

return. [10-24-81]

JOE McLAUGHLIN (MD-ØØ2), 610 Scott St, Baltimore, MD 21230 // (301) 752-1916
7 pm - 11:30 pm EST

HARLAN KY INFO WANTED: Member willing to exchange his information for yours of the Harlan and southeast KY area. Also looking for federal info for all agencies in Kentucky. [10-27-81]

TRACY TURNER (KY-Ø26), Box 818, Harlan, KY 40831

OVERSEAS FREQS: Member desperate for overseas radio frequencies! Anywhere outside USA -- Caribbean, Europe, Africa, Asia. Leads on allocations, listings, etc. Radio laws, etc. Still need Hawaii listings! [10-30-81]

SPENCER BAHNER (WA-Ø26), P O Box 1432, Olympia, WA 98507 // (206) 943-7732

NEW YORK CITY METRO INFO: Devoted member wishes to correspond or meet regularly with other members in NYC metro area who are employed in the communications industry. Objective: to exchange detailed information on system design and operation in his area, including business band, GMRS, federal government, local government, news media, etc. Only those currently involved in the sale, design, maintenance, or installation of 2-way communications equipment need respond. Don't want people calling who just want information, but have nothing to give in return. Serious inquiries only! Expeditions planned this winter to Mount Beacon, NY, and many midtown Manhattan antenna sites. [10-30-81]

TONY LOVING, (NY-ØØ5), P O Box 741, Ridgewood, NY 07451 // (201) 652-5252
evenings until 10 p.m., and all weekend

SOUTHERN NEW ENGLAND CHAPTER? Members in the southern New England area interested in forming a local chapter, please contact the below. Also: anyone interested in swapping frequencies. [11-4-81]

JERRY LAROCHE (RI-Ø1Ø), P O Box 138, Warren, RI 02885

Happy New Year, everybody!

FCC TOPICS

George DuBois, Editor

Send FCC news and information of interest relating to two-way communications above 30 MHz, as well as questions regarding the FCC Rules and Regulations, to: George DuBois, 10048 NE Campaign, Portland, OR 97220.

The FCC has published a Notice of Inquiry into the possible use of wideband modulation techniques, notably spread spectrum modulation, in the private land mobile services. These techniques are now prohibited in most services because of the wide bandwidth required. Concern is expressed about the interference potential, and the Commission's ability to monitor spread spectrum stations. This could be overcome by the authorization only in services with few enforcement problems and regulation of user codes or modulation methods. Moreover, since the potential for interference from wideband modulation is low, a signal strong enough to create interference would be strong enough to locate anyway. It's assumed that the prospect of multiple use of the assigned spectrum would result in increased efficiency. Comments on Docket 81-413 are due by March 15.

At the same time, the Commission is proposing the authorization of spread spectrum in the Amateur Radio Service, also. This would only be in the 6 meter, 2 meter and 220 mHz bands and would possibly be restricted to holders of Extra and Advanced class licenses only. The Commission feels that allowing amateur experimentation with this technique is in harmony with the purpose of the Amateur Radio Service, that being the advancement of the radio art.

Also proposed is an amendment to the Amateur Radio Service Rules that might allow the use of other methods of transmitting digital data. Presently only the Baudot and the ASCII methods are permitted. These other codes would only be

allowed above 50 mHz, since ITU regulations do not allow their use internationally.

Also pertaining to the Amateur Radio Service, an amendment was made relaxing the identification requirements. Effective Oct. 23, amateurs are only required to identify their own station, and only at the end of their transmission. Prior to this, identification of both (or all) parties was required. A call sign must also be given at ten minute intervals during a conversation. This supposedly will reduce channel congestion by saving air time and also reduce the burden on amateur operators.

The FCC has denied a Petition for Reconsideration by the ARRL of the action the Commission took earlier this year instituting the Quiet Zone around certain radio astronomy observatories. The ARRL presented many arguements but the FCC denied the Petition on the basis of an affidavit from an official of the Naval Research Lab in West Virginia that left no doubt that harmful interference from amateur repeaters was occuring and that the observations conducted at the observatory was of paramount importance.

Finally, in response to a petition, the FCC is proposing to increase the Effective Radiated Power (ERP) limits of repeaters in the 6 meter amateur band and, at the same time, impose limits that would reduce the ERP limits of 10 meter repeaters. Presently, only 25 to 100 watts (depending on antenna height) is allowed in the 6 meter band (50-54 mHz). Repeater operation in the 10 meter band (between 29.5 and 29.7 mHz) has no limits, other than the 1000 watt limit authorized for all stations. It is proposed to limit these to between 100 and 800 watts ERP. The limits are designed to be a compromise between the objective of providing adequate repeater coverage while not interfering with stations beyond the repeaters' reception range. The present 6 meter limits are considered too low, especially considering the lower signal-to-noise ratio at 50 mHz (compared to higher frequencies). In many cases, 6 meter repeater users run more power than the repeater itself.

The FCC has issued a Final Order allocating TV channels 5 and 6 for TV broadcasting and the 98 to 108 mHz band for FM broadcasting in Hawaii. Before you ask "what the heck is this guy talking about?" you should realize that these frequencies haven't been available for broadcasting in Hawaii since 1952. (That's why all the FM stations there are below 97.9.) These old frequencies (76.02 through 87.98 and 98.02 - 107.98 with .04 mHz spacing) were allocated to the Rural Radio Service, for inter-island use by common carriers. They were used by the local telephone company for inter-island links all these years, but they have gradually been replaced by microwave equipment. The last two licenses were submitted for cancellation in 1980 and the Commission now wished to conform the allocation with the mainland states. Applicants are already lining up to apply for the new allocations and the only opposition was from existing broadcasters who feared the competition but, of course, didn't say as much. They cited the inconsistency of reallocating this spectrum for broadcasting while at the same time considering reallocation of TV channel 17 for Fixed service (Nov. column, page 23). The Commission stated that these parties have no grounds for opposition since this Order only deals with the reallocation, not the actual assignment of any TV channel.

As I mentioned a couple months ago, Part 90 was amended to permit the use of 12.5 kHz offset channels by all the Private service in the 450-470 mHz band, except GMRS. This has been done for a few years now in the Business Radio Service and has satisfied the need for low-power communications without the allocation of additional spectrum. Use is on a secondary, non-interference basis and power is limited to two watts. Most types of emission will be permitted to allow the offsets to be used for tone signalling or telemetry. More than one frequency may be assigned to a licensee without a showing of need. Repeater operation is also allowed. Note that this includes offsets between the 453 and 460 mHz Public Safety channels.

A number of items concerning the Maritime service: First, a Final Order deleting the rule which prohibits Public Coast (marine telephone) stations that share a channel from answering a call on channel 16 from a ship unless the ship transmits the call sign or name of that particular station. A number of reasons were given for deleting the rule. Among them was the fact that if a vessel doesn't receive an answer, it usually repeats the call over and over, cluttering up the channel. Also, it is difficult for foreigners to remember the name of the coast station they wish to call. And, instead of protecting coast stations (which the

rule was intended to do),the change will promote competition by allowing operators to render prompt service to unaddressed calls.

The US Coast Guard has petitioned the FCC to allot Marine channel 11 (156.55 mHz) for Vessel Traffic Service (VTS) in the Houston VTS area. Channel 12 (156.6 mHz) is presently designated exclusively to VTS in Houston, but the increase in vessel traffic served necessitates a revision of the VTS area by the reconfiguration of the sector arrangement and the addition of another radio channel. There are eleven Limited Coast stations presently operating on channel 11 in Houston and if commenters oppose its use, the Commission recommends the use of channel 5 (156.250 mHz), which is available for VTS in the Houston and New Orleans areas. Already under consideration and due for decision soon is a proposal to allot channel 5 for VTS in the Seattle/ Puget Sound area.

The FCC has proposed amendments that would reclassify coast stations and delete rules concerning their operation in certain bands. Presently coast stations are classified Class I, II or III. A Class I station provides high-seas service and operates in the HF band above 5 Mhz and below 150 kHz. A Class II station provides regional service, operating between 150 kHz and 5 mHz. A Class III station provides local service on VHF. An "A" suffex indicates telegraphy service, "B"*, phone service and "F", facsimile. Under the proposal, Class I stations would be classified as simply High Seas Telephony stations, or High Seas Telegraphy stations. Class II stations would be called Regional coast stations. and Class III stations would become Local coast stations. This is simple enough, huh? The frequency bands would be revised, too, to conform to international terminology. A High Seas coast station would operate in bands between 4 and 27 mHz. A Regional coast station could operate between 2 and 4 mHz. (The present allotment allows regional stations to use frequencies in the HF band which give them a capability to provide service well beyond a regional area.) The requirement that VHF be used when a vessel is in range of a VHF station (instead of HF) would also be deleted, allowing the user his own preference.

The Commission is proposing amending the Rules to allow non-voice signalling and fixed tone or alarm signals in the 806 to 866 mHz land mobile band. Presently, only voice transmissions are allowed in the band, unless a user has exclusive use of his channel. The Commission now believes that non-voice techniques can be permitted on shared channels without any serious impact. To protect regular voice communications, paging would only be allowed on a secondary, non-interference basis and a two-second duration limit is being considered.

Parts 2, 90 and 99 were amended to create a new disaster communications service. The frequencies would be available to state governments for testing, training and actual disaster communications. Due to the fact that HF spectrum is needed for fixed use in developing countries, short wave frequencies in this country will only be made available to high priority communications for which alternative means are not available. A number of changes were made at WARC 79 that reallocate much of the spectrum below 10 mHz and constant restructuring of assignments in the band will no doubt occur over the next decade. For these reasons, the FCC will coordinate and assign the frequencies to be assigned for disaster communications. Only single sideband emissions will be allowed and the maximum power permitted is 1000 watts. Routine day-to-day use of the channels will not be permitted, as some parties had requested. Part 99 (Disaster Communications Service) is not being deleted at this time, but no new assignments will be made under that Part. Existing systems may continue to operate. The HF frequencies allocated to the Police Radio Service under Part 90 are also being deleted.

CANADA

Send Canadian frequency information, radio system details, other information relating to Canadian monitor radio listening, and questions to: Robert Berezowski, 5832 Dalhousie Drive NW, Calgary, Alberta T3A 1T1 Canada.

"All Rise! The case of Berezowski vs. RCMA membership will now be heard. The Honorable Judge Joe Blow presiding. This court is now in session."

Judge: "Counsel for the Defence, present your case."

First of all I would like to apologize to all of the members. I just did not have the time to write a proper column this month. I know I have disappointed a lot of you. I have a major report due at the end of the month, and midterms to boot. I'm in first year Engineering at the U of C, as you can probably guess by the workload.

It's amazing how things seem to come together at the same time. I'm barely keeping up now. I'm writing this on Oct. 16, about a week earlier than usual. Even at this early date I can see what's going to happen. I'm going to make an attempt at the record for sleeplessness. I hear from my colleagues that the winners at the Engineering Faculty are not the ones with the high marks. The winners are the SURVIVORS.

I promise next month to make it up to all of you. Also, to those that have written me, I'm sorry. I appreciate the letters and I will try to write back as soon as possible (Personal note to Guy: even a long weekend doesn't help much).

I just wanted to send in this note to ensure you that you have not been forgotten. I also wanted to wish you all a Merry Christmas and send Season's Greetings.

Until next month, Merry Monitoring.

International

Richard Stein, Editor

This column is for reporting two-way communications frequencies above 30 MHz, radio system details, monitoring experiences, and any other information relating to monitoring in countries other than the United States and Canada. Send to: Richard Stein, 456 Barrymore Place, North Brunswick, NJ 08902.

EAVESDROPPING ON SCOTLAND YARD

by Jane Boutwell
from the Sunday New York Times
August 8, 1971
Excerpted and permission to reprint requested

I don't imagine many tourists get a chance to find out how London really works behind the scenes, and I can tell you that what I stumbled across *completely* by accident, simply by turning on a portable radio, turned out to be a lot more exciting than the Changing of the Guard or the Elgin Marbles.

The whole thing started when I checked into the Howard Hotel. The 75 year-old bellboy brought up my bags and I asked him if it was safe to leave my portable Norelco radio in the room. "Madame", he said, "theft is not a problem in this hotel." Then he gave me a

smile right out of a Hitchcock movie and closed the door. It was 10:30 at night and I was tired, so I went to bed.

The pigeons, there were some noisy pigeons on a ledge outside my casement window, woke me up at dawn, so I turned on the Norelco to get the news and went back to sleep. About 8:30 I opened one eye and began to pay attention to the voices that were coming over the radio. They seemed to be looking for a green Vauxhall and a red Cortina carrying three or four men who were wanted for a robbery in Westminster. I thought it was kind of odd for a police drama to be on the air so early in the morning and then I realized that the voices were for real. I was listening to an all-cars bulletin for some kind of hold-up that had taken place about 20 minutes earlier.

By this time I'm out of bed, standing barefoot in the middle of the room, conducting a radar-sweep with the Norelco antenna and following the chase.

The next morning I found a story about the robbery in the Daily Telegraph, which said that the men had escaped in a stolen van that was later found abandoned. I read that paragraph with a warm glow of satisfaction because I *knew* that the police were looking for a green Vauxhall and a red Cortina.

Well, you can guess what happened next. I gave up the BBC-their broadcasts seemed to consist mainly of music, sermons, and people talking about elephants or potato worms- and set my dial at 100 on the F.M. band whenever I came back to my room to rest. The morning calls were mostly concerned with routine traffic accidents- except for one wonderful day when a truck spilled stones all over the M-4 highway west of London, bringing miles of traffic to a dead halt- but the late evenings were a polite British version of "Gangbusters." Just to give you an idea, one night the police were chasing five separate burglars, or the way they put it:"automatic alarm operating; suspects on the premises". Next, they were looking for a stray horse on Sewardstone Road, escorting a Hampshire police car from Putney Bridge to a hospital in the middle of London, checking on a drunk in the Finchley Underground station and trying to flag down a red Corsair to tell the driver that he was urgently requested to return to London airport. By 2 A.M. I was so exhausted that I switched off the Norelco just as a suspicious sudden death was reported.

By the end of the week the voices on the police radio began to sound like old friends and it seemed to me that I could fit the call signals into a rough pattern. The main character in my radio drama was Oscar, who seemed to be operating out of something called the Police Information Room. There were a whole series of Oscars on the air-the accents ranged from sharp Cockney through careful middle-class Midlands to one absolutely unflappable Scotsman who came on with gloriously rolling R's.

Anyway, Oscar, with his various voices, served as a contact point for a fleet of radio-equipped cars that answered to such designators as Lima, Mother, Tango, Echo, Bravo, Poppa, Foxtrot and Delta, code names used by Scotland Yard to confuse curious outsiders.

Most of the time Oscar relayed messages to the field but every now and then he would put two radio cars in direct contact with each other. Whenever that happened, I jumped across the room and turned down the Norelco because the static was as bad as the morning vacuum cleaner. The first thing I noticed about Oscar was that he had terribly good manners. He would put out a call and ask who could assist. Then somebody- often two cars- would respond.

The closest thing I ever heard to irritation from Oscar occurred one morning when a couple of officers in Juliet-1 had been pulled off a breakfast break to check on a truck obstructing the road. When they got there, another police car had already arrived and was arranging to tow the truck away. Well Juliet-1 called in sounding pretty annoyed and Oscar apologized handsomely. Then Juliet-1 said that he hoped he could go back and finish his second bloody slice of toast, and Oscar, after a long static-filled pause (I think he was counting to 10), told him to get cracking.

The other thing I noticed about Oscar and his friends was that they always gave each other terribly detailed directions for finding places. One evening Oscar spent about 10 minutes explaining the difference between Montague Street, Montague Terrace, Montague Mansions, Montague Place and Montague Mews to a car that sounded hopelessly lost. Another night, Oscar had a real inspiration and guided Echo-2 to the scene of a burglary by routing him there pub by pub. After that, whenever I got lost-which was all the time- I would pull out my Falk pocket map and say to myself, "Now how would Oscar go about locating you?"

So that's how I've been leading a double life for the past week. Days I explored the city, but each night I settled down with Oscar around 10:30 to find out what was *really* going on. And when I compared notes with my fellow tourists-who had to depend on such convention sources of information as newspapers and the BBC- I began to feel quite smug.

One day I asked the 75 year-old bellboy if it was a common thing to pick up police signals on a small transistor radio. He looked past my shoulder and told me it was a very unusual occurence. "How unusual?" I asked. The bellboy shifted his eyes up to the plaster curlicues on the ceiling and said, "You know, it is an offense?"

"What's the offense?" I asked. "These calls come in over a perfectly ordinary wavelength on a six-inch radio I bought at Macy's. In New York, to hear the police you have to have a special short-wave set and even then you can't understand a word they say because all the talk is bogged down in numbers."

"I wouldn't do it, madam," said the bellboy, following an imaginary fly across the ceiling. "I think the police might take a dim view of such activities."

So, just to make sure I wasn't doing anything *too* antisocial, I tried the other end of the social spectrum and called up an earl. He sounded amused by my question and said he would consult a BBC official who happened to be visiting him at that very moment. When he came back to the phone,he said that the BBC lady had never heard of such a thing but she would like to know where the police calls were on the dial because she wanted to tune them in herself.

The last night I was in London, Oscar got quite excited over a report that two suspicious characters had been observed on the roof of the Tate Gallery. I never did find out what happened to them because the Norelco's batteries went dead. Besides, that's the kind of story that the police try to keep out of the newspapers because it might give people ideas. But I am sure that Mother, Lima, Tango, Echo, Bravo and Poppa- singly or en masse- reached the scene in record time.

Flying home to the States, I had the most fascinating conversation with a very polite Englishman who seemed to know an awful lot about Scotland Yard. When I told him about the radio calls and how then

had added such *depth* to my stay in London, he began to cough so hard I thought he had swallowed the olive in his martini. Finally he straightened up, looked at me severely and said, "My dear lady, it *is* an offense to listen to police calls in England but, as a practical matter, nobody has ever been caught-too difficult to trace. We don't know how many people listen in regularly, but the police do have a rather complicated set of code signals to alert different stations and to communicate among themselves. I'm surprised you understood anything at all."

"The messages seemed quite clear to me," I said. "All you need is a good ear and an indexed map of London.As far as I'm concerned, an evening with the Police Information Room is a truly *enriching* experience. I'm really very grateful to Oscar for teaching me so much geography. Do you think I could write him a thank-you note from a devoted fan?"

"Don't even think of it," said the Englishman. "You might give them all stagefright."

FEDERAL GOV'T and MILITARY

Robert B. Grove, Editor

Send all Federal Government and Military frequencies (including those of military aircraft), radio system details, and related questions to: Robert B. Grove, Route 1–Box 156, Brasstown, NC 28902. Sensitive frequencies will not be published. Coast Guard material must go to the VHF Marine editor.

LOW BAND SKIP

When is low-band skip in? A good hint to tell when the most productive time is to search for distant low band federal and military agencies is to check on a couple of key frequencies which are virtually always on the air; 35.22 and 35.58 MHz. If these paging frequencies are coming in full quieting, chances are good that the skip is in nationwide. There is, of course, the possibility that you might be located close to one of these paging transmitters. Additional frequencies which yield long-distance paging include 35.26, 35.68 and 43.58.

... AND A LOW BAND MYSTERY

One frequency which has me puzzled is the constant tone pulse on 40.64 MHz. I have no idea as to its orgin but the 400 Hz pulse beeps continuously at approximately 8 pulses per second. Although located in a federal portion of the low band spectrum, the Federal Frequency Directory does not show this allocation. Anyone out there have any ideas? I would be pleased to hear your theories.

FOREIGN MILITARY SKIP

Tactical communications have been monitored on a regular basis on 35.00 MHz. Since they are heard at this location in the afternoon, it is assumed that they are riding in on the winter skip which promises to be very productive this season. Low band should give us a number of surprises when we monitor the federal portions of this interesting part of the spectrum.

"WHERE'S THAT 225-400 MHz CONVERTER?"!

Enormous numbers of inquiries continue to pour in regarding the status of the new Grove Enterprises Scanverter. First the good news! A working unit has been satisfactorily monitoring military aircraft here on the test bench. And now the bad news (or at least, not as good)! All manufactureres are hesitant to release a new product during a soft economic period. For this reason, I felt it would be best to introduce the new CVR-1 Scanverter after the first of the year. By then, the Christmas crunch will be over and most of us will be looking more realistically at our hobby investments.

If you have received our latest 1982 catalogue, you will automatically be notified when the Scanverter is ready.

And now, lets take a look at some of the excellent frequency contributions from members this month.

From Robert (OH-093),

PATRICK AIR FORCE BASE, FLORIDA.

CHANNEL 1-335.800	CHANNEL 8-264.600	CHANNEL 15-369.200
CHANNEL 2-348.400	CHANNEL 9-286.400	CHANNEL 16-372.800
CHANNEL 3-340.900	CHANNEL 10-383.200	CHANNEL 17-378.800
CHANNEL 4-370.000	CHANNEL 11-363.900	CHANNEL 18-257.800
CHANNEL 5-269.300	CHANNEL 12-358.300	CHANNEL 19-383.000
CHANNEL 6-292.200	CHANNEL 13-290.800	CHANNEL 20-273.500
CHANNEL 7-354.400	CHANNEL 14-297.700	

REESE AIR FORCE BASE, TEXAS.

CHANNEL 1-291.100	CHANNEL 8-347.000	CHANNEL 15-297.200
CHANNEL 2-255.400	CHANNEL 9-257.200	CHANNEL 16-321.100
CHANNEL 3-275.800	CHANNEL 10-337.700	CHANNEL 17-393.000
CHANNEL 4-359.000	CHANNEL 11-252.800	CHANNEL 18-287.600
CHANNEL 5-258.300	CHANNEL 12-228.400	
CHANNEL 6-260.100	CHANNEL 13-279.900	
CHANNEL 7-269.200	CHANNEL 14-335.600	

Thanks, Robert for another very nice set of military aeronautical channels.

From Bill (West Palm Beach Florida)

123.275 United Technologies
123.325 United Technologies
123.425 United Technologies
123.450 United Technologies
123.475 Cessna Aircraft/PBIA Site
123.525 United Technologies
124.400 Sirkorsky Tower At Pratt Whitney
129.100 Beckett-Tilford Discrete Frequency
36.900United Technologies-KOH4

Thanks, Bill for sharing.

From Edward (MA-017) US Army Fort Devens, Massachusetts

34.33 AAB 421 Fire Department
38.51 AAB 424 Range Control
38.85 AAB 420 Military Police (Operations - CH1)
38.91 AAB 420 Military Police (Special Details - CH2)
46.95 AAB 415 Ground Operations at Moore Airfield

49.70		14th Explosive Ordinance Detachment (EOD) Operations
141.325		Central Intelligence Division (CID) - Repeater Out
142.325		Central Intellignece Division (CID) - Repeater IN
148.785		Paging/Ambulance Cutler Hospital
150.700		Unknown use Cutler Hospital
163.5625	AAB 425	Taxi
165.0875	AAB 427	Base Maintenance

Other Area Frequencies:

34.83	KCC 606	Great Meadows Wildlife Refuge
34.83	KCC 607	Amherst District Office
40.89	AAB 430	Security Natick Labs, Natick MA (USAR Research Center)
41.49		Natick Labs - Unknown use
143.46		USAF Mars - Repeater Out (142.155 in)
143.99		USAR Mars - Repeater Out (148.010 in)
167.175		FAA Maintenance - Repeater Out (165.6125 in)
		New England Net, base is Comm Center
166.950	KCA 711	US Park Service - Historic Park Tours - Boston, MA
166.950	KCA 798	US Park Service - Historic Park Tours - Lowell, MA

Edward also wonders if anyone has a complete copy of the ITU frequencies which could be made available for photocopying for members. He also expresses an interest in offshore drilling site frequencies near George Bank at Nantuckett, Massachusettes. If any of our members can be of help, please contact me with the information and I will see that it gets to Edward and other interested members as well.

John (FL-001) had some luck some time ago monitoring low band aircraft communications between Army and Air Force units from Patrick Air Force Base on maneuvers. John tape recorded several hours of the facsinating traffic and is sharing the frequencies with us this month.

From John (FL001)

MILITARY MANEUVERS, PATRICK AIR FORCE BASE, FL

36.100	Army and Air Force
38.65	Army and Air Force
40.15	Army and Air Force
41.95	Army and Air Force
41.95	Army and Air Force
49.75	Army and Air Force
138.720	Communication Center, Orlando Naval Training Center
148.515	USAF - Patrick - Bravo Base
150.315	USAF Base Talking to Gun Ship Crew
49.70	Army Mobiles Calling Patrick Command Post
149.075	Navy Mayport; Tugs for carriers
150.195	Cape Support All Agencies
149.175	Patrick Aircraft Maintenance and Emergency
149.300	Orlando Naval Training Center- Police channel #2
149.265	Patrick AFB Supply and Equipment Runner to KSC
163.5875	Patrick AFB Giving Aircraft instructions and maintenance
163.5625	Crash Crew at Patrick AFB

Thanks John.

From WT (NV-009) Nevada Federal and Military

148.185	Nellis AFB Flightline Operations
148.300	Nellis AFB Flightline Operations (Fuel Trucks)
148.350	Doe Nuclear Test Site
148.455	Nellis AFB Flightline Operations

148.500	USAF Radio Techs.	
148.545	Nellis AFB Base Operations Net	
148.700	Nellis AFB Flightline Operations	
149.265	" " " " "	
149.325	" " " " "	
149.475	" " " " "	
149.505	" " " " "	
149.565	Nellis AFB Flightline Operations	
150.315	Nellis AFB Transportation NET	
162.250	BUR of Reclamation Construction Crews	(Rptr IN)
163.050	" " " "	(Rptr OUT)
163.375	Nellis AFB Area II Security Police	(Rptr OUT)
165.0625	" " "	(Rptr IN)
163.4625	Nellis AFB Post Engineer	
163.4875	Nellis AFB Main Base Security Police	
164.1000	FAA McCarran Airport	
164.4750	Bureau of Reclamation Hoover Dam Security	
164.5750	Bureau of Reclamation Data Transmissions	
165.1875	Nellis AFB Unknown Traffic	
166.3000	Lake Mead National Recreation Area	(Rptr OUT)
166.9000	" " "	(Rptr IN)
167.8250	Department of Energy Nuclear Test Site	(Rptr OUT)
167.8500	" " "	(Rptr OUT)
167.8750	" " " Net 14	(Rptr OUT)
168.3750	BLM KOJ450 Las Vegas District	(Rptr OUT)
168.5500	BLM " " "	(Rptr OUT)
169.0375	BLM " " "	(Rptr OUT)
169.4000	BLM " " " (Primary)	(Rptr OUT)
169.8750	USFS Toiabe National Forest	(Rptr OUT)
170.475	" " "	(Rptr IN)
172.925	FAA	(Rptr OUT)
172.125	"	(Rptr IN)
173.150	Nellis AFB Commanders Line	(Rptr OUT)
407.175	" " " "	(Rptr IN)
173.5375	" " Red Flag Team	(Rptr OUT)
407.450	" " "	(Rptr IN)
173.5125	Dept of Energy Test Site Maint., Administrative Net 5	(Rptr OUT)
173.5625	Nellis AFB Hospital Paging	
173.5875	Nellis AFB Fire Department	
173.6125	Dept of Energy Test Site	
173.7125	" " " "	(Rptr OUT)
409.0250	Nellis AFB Flightline Cargo Ops	
410.1000	National Weather Service Uplink to 162.550	
411.7000	Lake Mead National Recreation Area Uplink to Marine Band Channel 16	
411.850	Nellis AFB Flightime Maintanence	
413.2750	Nellis AFB Flightime Operations	
416.8500	Department of Energy Test Site Downlink	

We appreciate your nice contribution, W.T. and also many thanks to the rest of the contributors this month and to those of you who will sharing your coveted frequency list of military and federal agencies next month!

Marketplace

Gary M. Darcy, Editor

Members may advertise, free of charge, items wanted, items for sale, and items for trade that are associated with the hobby of monitor/utility radio listening. No dealer ads will be accepted for this column. RCMA assumes no responsibility for the outcome of any transactions between members resulting from ads printed in this column. Send to: RCMA MARKETPLACE, c/o Gary M. Darcy, P.O. Box 1329, Palmdale, CA 93550. Please be sure to include your membership number.

EFFECTIVE IMMEDIATELY: All Marketplace ads will be accepted ONLY on special forms available from this column's editor. Send a self-addressed stamped envelope to the address above to receive a supply of forms.

I wish to remind everyone using this column that dealer ads are not supposed to be accepted for publication in this column. Based on complaints that I have received, it appears that a few ads have gotten by me. If you are in the business of selling equipment that may be of interest to RCMA members and wish an ad to be placed in this newsletter, you should contact the advertising manager.

.....

FOR SALE: Sears 5 band 16 channel programmable scanner Model #3639. Only 1 year old, good condition, w/15 unprogrammed cards, programming directory book, tri-band magnet mount mobile antenna. $ 175.00. Contact: GERRY KERNS (CA-OR-193), 1250 South Sycamore, Santa Ana, CA 92707 or phone 714-544-9922 or 714-834-1805.

FOR SALE: 3 Antenna Specialists antennas. #1- Base VHF low & high MON8, #2- Mobile VHF low & high MON12, #3- Mobile UHF MON30, all in very good condition. Asking $ 25.00. Contact: GERRY KERNS (CA-OR-193), 1250 South Sycamore, Santa Ana, CA 92707 or phone 714-544-9922 or 714-834-1805.

FOR SALE: Fanon/Courier Slim Scan 6-HLU hand held scanner. Excellent condition. VHF Lo-Hi/UHF/UHF-T, 6 channel. Includes all accessories & manual, AC power supply, battery charger, rechargeable batteries, carrying case, and 14 crystals. Volume tuned up to maximum. Less than 1 year old, must sell. $ 100.00. Contact: GERRY KERNS (CA-OR-193), 1250 South Sycamore, Santa Ana, CA 92707 or phone 714-834-1805 or 714-836-7050.

FOR SALE: Rgency Model 804 8-channel crystal scanner. W/all accessories, in original carton. Each crystal can be used in any band. 450-470 position changed and peaked for 406-420 mhz reception. Excellent condition. $ 90.00 includes UPS shipping. Contact: ALAN LEDER (NJ-084), 246 Lenox Ave., Paterson, NJ 07502.

FOR SALE: Regency K-500. Used, good condition. W/supplied antenna & manual. No accessories or warranty/guarentee. $ 200.00 includes UPS shipping. Contact: ALAN LEDER (NJ-084), 246 Lenox Ave., Paterson, NJ 07502.

WANTED: 3 items. #1- 3.7-4.2 ghz parabolic antenna. #2- APR-5 receiver, complete. #3- Tennelec scanners in any condition. Contact: LEROY J. LUCAS (MO-056), 3435 Highgate Ln., St. Charles, MO 63301.

FOR SALE: 21 Regency type crystals. All for $ 25.00. Send SASE for list of frequencies. Contact: BILL MULLOWNEY (MA-029), 62 Woodlawn St., Everett, MA 02149

WANTED: Bearcat, Regency, etc. scanners. Programmable or crystal. Portable, base or mobile, working or not, let me know what you have and asking price. Contact: WILLIAM MULLOWNEY (MA-029), 62 Woodlawn St., Everett, MA 02149.

WANTED: To purchase FCC microfiche listing of all FCC licensees in Upstate New York; namely Binghampton, Johnson City & Endicott, NY area. Contact: DENNIS RUDA (NY-057), 42 Harry L Dr., Johnson City, NY 13790.

WANTED: Motorola type power speaker (15w). Contact: BOB ABDIZADEH (MO-034), 2924 Windsor Pl., Blue Springs, MO 64015.

WANTED: Regency ACT-R-20 20 channel crystal scanner, 5 band. Contact: SPENCER BAHNER (WA-026), P.O. Box 1432, Olympia, WA 98507 or phone 206-943-7732.

FOR SALE: Regency M100. $ 180.00. UPS paid. Contact: ARNOLD L. SALMON (SD-001), Rt. 1 Box 119, Canova, SD 57321 or phone 605-523-2548.

FOR SALE: 2 Regency monitor radios. Dial type tuning. #1- MR33B, 30-50 mhz w/8 tubes. #2- MR10B, 152-174 mhz w/8 tubes. Includes service & operating manuals. $ 27.50 each prepaid UPS. Contact: EVERETT BERRYMAN (NB-007), 5919 Newton St., Lincoln, NB 68506.

FOR SALE: SBE Optiscan 10 channel programmable scanner, complete with AC & DC power cords, instruction manual, programming instructions & antennas. Also includes 2 cards, one never used. $ 135.00. Mike Bumgarner (IA-024), 401½ S. Howard, Bloomfield, IA 52537 or phone 515-664-1919 after 1700 CST.

FOR SALE: DX-300. A good, trouble-free receiver, in like new condition. $ 225.00, includes UPS shipping. Contact: JIM MANN (NJ-032), 112 Lake End Rd., Green Pond, NJ 07435 or phone 201-697-5404.

WANTED: FCC microfiche for Southeastern KY. State what you have & price. Contact: TRACY TURNER (KY-026), Star Rt. Box 171, Harlan, KY 40831.

FOR SALE OR TRADE: Realistic DX-160 Shortwave receiver, in excellent condition. Asking $ 90.00 or will trade for pocket scanner in good condition. Will ship via U.P.S. Contact: TRACY TURNER (KY-026), Star Rt. Box 171, Harlan, KY 40831 or phone 606-573-2277. NO COLLECT CALLS, PLEASE.

FOR SALE: Realistic PRO-20 hand-held. 4 channels. VHF Hi-Lo w/rubber duckie. 1 yr. old. $ 70.00. Contact: ROSS TARANGLE (CA-SB-038), P.O. Box 426, Loma Linda, CA 92354.

WANTED: Complete operating manual for Motorola receiver model R/1121/TRC/87 (225-400 mhz). Will purchase outright, or photocopy and send back yours. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

WANTED: A recently published list of FCC microfiche licenses & frequencies for all or part of Ohio (Northeast), original or photocopied, state what you have and price. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

WANTED: Allied Radio Knight Kit "Ocean Hopper" with or without plug-in frequency coils, state condition & price. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

WANTED: Issues 1 thru 6 of "SCANNING TODAY" originals or photocopies, state what you have & price. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

WANTED: Color pictures of RCMA members monitoring stations. Will exchange my 4 X 6 color picture for yours, include a few details. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

FOR SALE: Yaesu antenna tuner model FRT-7700; matches the Yaesu FRG-7700, works perfect. $ 30.00 includes shipping. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

FOR SALE: J.I.L. SX-200 programmable scanner, check the features as advertised in the August newsletter of the RCMA. Works perfect, paid $ 500.00 will sell for $ 375.00 firm!!!! Includes UPS shipping & insurance. Contact: ROBERT LEARY (OH-093), 696 Fouse Ave., Akron, OH 44310.

FOR SALE: Bearcat 210, in good condition, w/many extras, owners manual, service manual, DC cord & mounting equipment. $ 150.00 includes original carton & UPS shipping. Contact: JOHN STORCH (CA-OR-116), P.O. Box 3492, Orange, CA 92665.

FOR SALE: VHF/UHF preamplifier, 30-600 mhz, 12 db gain, low noise. (Grove

Enterprises PRE-1). $ 25.00. Contact: BRENT BASINGER (CA-SB-016), 9182 Cielito, Alta Loma, CA 91701 or phone 714-987-1462. NO COLLECT CALLS, PLEASE.

FOR SALE: Bearcat 210 w/many extras (mounting hardware, manuals, AC cord, DC cord, plus others). $ 150.00. Contact: JOHN STORCH (CA-OR-116), 2706 N. Linwood Ave., Santa Ana, CA 92701.

FOR SALE: Yaesu FRG-7000 general coverage receiver for utility listening, 250 khz thru 30 mhz. Modified to permit use of narrow filter on AM if desired. Excellent condition, comes w/users manual. Will pay UPS shipping in continental USA. $ 400.00. Contact: BOB RANKIN (KS-001), 920 Rockledge Rd., Lawrence, KS 66044 or phone 913-843-3484 between 1800-2300 CST daily except Tuesdays. NO COLLECT CALLS, PLEASE.

WANTED: Regency type crystals for the following frequencies: 155.340 / 44.70 / 45.22 / 155.235 / 154.010 / 458.050 / 458.250 / 458.350 / 458.725. Let me know what you have & asking price. Contact: TIM HAAS (OK-025), ORU Box 313, Tulsa, OK 74171.

WANTED: Flightscan 16 channel programmable w/search. Contact: STEVE RUSSELL (FL-090), 4923 Springfield Dr., West Palm Beach, FL 33406.

WANTED: Regency crystal controlled scanner. 16 to 20 channels. Contact: MARK A. THOMAS JR. (VA-051), 12163 Nokesville Rd., Bristow, VA 22013.

WANTED: Small weather radio/receiver. 162.550/162.400/162.475. Portable; run off of a 9VDC battery. Contact: MARK A. THOMAS JR. (VA-051), 12163 Nokesville Rd., Bristow, VA 22013.

FOR SALE: Instruction book for Regency 16 HLU. $ 2.00. Contact: MARK A. THOMAS JR. (VA-051), 12163 Nokesville Rd., Bristow, VA 22013.

FOR SALE: Bearcat type crystals. $ 2.00 each. Send SASE for list. Contact: RICK PRELINGER (CA-SF-002), P.O. Box 368, Canal St. Stn., New York, NY 10013 or phone 212-242-1815.

FOR SALE: Bearcat BC-220. $ 200.00. No personal checks please. Contact: BILL PETROWSKY (KY-002), 86 Wildwood Dr., Versailles, KY 40383.

FOR SALE: Regency K-500 programmable scanner. 2 yrs old, excellent condition. AC/DC operation, but no DC cord or mounting bracket included. $ 190.00 price including shipping & insurance. Panasonic RF4800 SW receiver w/FM. Includes BFO switch, tone controls, etc. $ 250.00 price includes shipping & insurance. Contact: TED ROYSTER (CA-SM-006), 740 Stonegate Dr., South San Francisco, CA 94080 or phone 415-952-7833 evenings.

FOR SALE: Bearcat 160. 16 channels; all touch controls; excellent condition. $ 140.00. Contact: FRED MILLER (CA-LA-007) at 213-534-2979.

FOR SALE: Realistic Pro-5 4-channel UHF (450-470 mhz) pocket scanner. Good condition. Includes crystals for 462.575 & 462.975 and 4 AA size rechargeable batteries. Does not included instruction manual, proper battery holder or antenna. $ 45.00 U.S. FUNDS. Contact: ERIC C. SAUVE' (CAN-046), 1949 Creston Pl., Burlington, Ontario, Canada L7P 2Y5.

WANTED: Bearcat (10.8 IF) crystals for the following frequencies: 42.060 / 42.220 / 155.505 / 154.755 / 156.800 / 156.700 / 156.600 / 161.025 / 161.070 / 162.400 / 162.475 / 162.550. Contact: ERIC C. SAUVE' (CAN-046), 1949 Creston Pl., Burlington, Ontario, Canada L7P 2Y5.

FOR SALE: Regency Digital Flight Scan. 16 channel programmable. Operated less than 50 hours. Must sell $ 200.00/offer. Please include phone number with inquiries. Contact: PHIL ALBANESE (CA-RI-008), 24283 Sunnymead Blvd., Sunnymead, CA 92388 or phone 714-653-8588 days/714-653-5383 eves.

FOR SALE: Bearcat IV 8 channel all band crystal scanner. AC/DC. Mint condition in looks & performance. 13 crystals included. Contact: DAVE ANDERSON (CA-OR-122), 5 Hummingbird, Irvine, CA 92714 or phone 714-551-5007.

FOR SALE: Bearcat 101 w/relay for activation of auxiliary equipment. Mint condition in looks & performance. $ 125.00. Contact: DAVE ANDERSON (CA-OR-122), 5 Hummingbird, Irvine, CA 92714 or phone 714-551-5007.

FOR SALE: Regency type crystals. $ 3.00 each. Send SASE for list. Contact: MARK A. THOMAS JR. (VA-051), 12163 Nokesville Rd., Bristow, VA 22013.

FOR SALE: Realistic PRO-2001. Excellent condition, in original factory carton, w/VHF-UHF antennas, 12 VDC power cord w/lighter plug, mobile mounting bracket & manual. $ 245.00 shipped prepaid U.P.S. Contact: GEORGE BURNS (OH-086), 354 Troy Rd., Delaware, OH 43015 or phone 614-363-0902.

FOR SALE: Fanon Courier Slimscan 6-HLU Pocket Scanner. Mint condition. 3 months old, need money. 4 bands- VHF Lo (30-50 mhz)/VHF Hi (146-175 mhz)/UHF (450-512 mhz). 6 channel. Rubber duckie antenna. Many extras: 6 asst. crystals. 4 Ni-Cad batteries, battery charger, AC power supply, carrying case w/belt clip, carrying strap, crystal pouch & instruction manual. Will ship. $ 150.00. Contact: KEN BRYANT (FL-126), 548 W. 53rd St., Hialeah, FL 33012 or phone 305-821-8345. NO COLLECT CALLS, PLEASE.

This column is for reporting Public Safety and Special Emergency frequency information, radio system details, radio codes, dispatch areas, unit numbering systems, etc. for police, sheriff, fire forestry (except USFS), fish and game, highway patrol, state police, prisons, prisoner work camps, local government, highway and street maintenance, port authority/ bridge maintenance, animal control, ambulances, paramedics, hospitals, life guards, ski patrol, search & rescue, flood control, civil defense and disaster organizations. Input and questions for this column must be sent to the proper regional editors of Public Safety, who are listed below.

PUBLIC SAFETY - CENTRAL

Send Public Safety and Special Emergency frequencies, radio system details, and questions as follows:
Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, and Texas to: Ken Pehl, 108 E. Centre St., Fredericksburg, Texas, 78624.
Illinois, Indiana, Wisconsin, and Michigan to John Arendt, 327 Boulder Hill Pass, Oswego, Illinois, 60543.
Iowa, Kansas, Kentucky, Minnesota, Missouri, Nebraska, North Dakota, South Dakota to Mike Redman, PO Box 1177, St. Charles, Missouri, 63301.

Greetings! Ken, John, and I welcome you to another edition of PS-Central. As you have probably already heard by now, I was elected President of RCMA. It's a great honor indeed, and while I don't get a White House to live in, transportation by a private jet, or a salary of $100,000 a year, I'll try to do the best I can for the RCMA. Nonetheless, I still have a column to put together, and I'll continue in that capacity. Many thanks to all who voted for me, and on with business as we start the new year of 1982!

MISSOURI

MIKE (AR-013) submits this item for the Southwest Missouri Area:
"During September of 1981, a massive manhunt was conducted after three escapes from the Kansas State Prison in Lansing. The escapees were discovered in the Southwest Missouri area. Law officers from McDonald, Lawrence, Stone, and Newton counties along with State Troopers from Missouri, Arkansas, and Oklahoma formed a force of over 100. Arkansas police officers from Gravette, Bentonville, and Benton

County helped man roadblocks as did FBI officers.

Missouri Governor Bond ordered the National Guard into the search after one subject from Wichita was apprehended northeast of Noel. About 150 guardsmen from Camp Clark were aiding a foot search while helicopters from Greene County and Missouri State Patrol searched the area. A mobile command post was set up to provide headquarters for the more than 60 hour manhunt.

Communications monitoring was at its best! McDonald County Sheriffs' Office operated on 155.730 with momentary switching to the 155.37 'Point to Point' channel and 155.475 Mutual Aid. 42.12 was used as a tactical frequency with traffic from Carthage restricted while helicopters and ground units engaged in communications.

The climax occurred when it was learned that the remaining two escapees boarded the Kansas Southern Railway. The order to stop the train was heard on road frequency 160.260 given by a K.C. railway official. Helicopters and lawmen pursued the train until it stopped and almost immediately captured the remaining two fugitives- but not until one had escaped into dense brush, where he was captured about two hours later by national guardsmen. A monitoring event of this degree is enough to glue any RCMA member to his scanner"
Thanks, Mike, for that in depth report. I, too, was able to follow a portion of the drama from my scanners at home and work, but I'm sure it was much more interesting being as close to the action as Mike was.

ZELWIN (MO-048) checks in again with further on the Missouri State Patrol repeater changes. Zelwin reports that 154.920 and 154.695 are dead in his area of Kirksville, and all such traffic is now heard on 456.275 Mhz. On one occasion, he heard traffic from Deer Ridge on 456.525 Mhz. Thanks, Zelwin, for keeping us up to date.

For those of you in the St. Louis area, we reported last winter that the evening/weekend signal maintenance truck '689' talked cross-channel with state patrol - 42.06/151.04. Well, seems as though the low band radio has been repaired, and '689' is again heard responding on 42.22. Keep that 151.040 in there, though, this winter, especially for the in depth weather reports aired daily between 3:45 and 4:15 PM.

KENTUCKY

JEFF (KY-023) sends this material for the Madison Regatta from the Madison County Kentucky area:

154.89	County Police car-to-base
155.13	County Police car-to-car & base-to-car
155.37	Police Point-to-Point
155.475	Ind. Law Enforcement Emergency Network (ILEEN)
155.445	Ind. State Police vehicular repeater frequency
42.26	ISP car-to-base
42.42	ISP base-to-car
42.12	ISP car-to-car
42.16	ISP special events use
460.35	Madison PD repeater
153.755	Madison Regatta race committee, security, etc.
154.04	Madison LG (street, sewer, etc.)
154.25	Madison & Jefferson Co. Fire Departments (net)
155.16	Lifeline Search and Rescue
154.54	Lifeline Search and Rescue
154.54	Athens Ambulance Service
155.73	Trimble County (KY) Sheriff (Also Carroll Co.)
154.145	Milton (KY) Fire Dept. & Trimble Co. EMS
453.3	Kentucky State Police car-to-car
453.45	KSP LaGrange Post (repeater)
156.8	Marine Emergency, Safety & Calling Freq.

156.3	Marine Intership safety freq.
157.1	U.S. Coast Guard/Public Liaison freq.
157.05	U.S. Coast Guard (primary freq. used during races
157.175	U.S. Coast Guard Auxiliary
156.65	Marine navigational freq (used heavily)
156.7	Marine state control freq (sometimes used)

Unit Designators:

PATCOM is the U.S. Coast Guard's Patrol Commander who is overall coordinator of all USCG activities during event
ALPHA & GOLF are USCG rescue and patrol boats
TOWER is the reviewing stand
KENTUCKY ONE, etc., is the KSP's police boat
100-series units are Madison PD (plus 301 (detective))
39-series units are Jefferson County units
700-series are units of Athens ambulance, plus each individual is assigned a "unit" number, e.g., Unit 1
28-series units are Lifeline Search and Rescue units
45-series are ISP units
41-series units on 154.25 are Madison Twp. FD units
Unit 61 is the rescue truck of Clifty 6 Fire Co. (city's)

ALABAMA, ARKANSAS, LOUISIANA, MISSISSIPPI, OKLAHOMA, TEXAS

Welcome to another sub-column of the Public Safety-Central. I have been wondering if perhaps another name might be more appropriate. Any suggestions? I have tinkered with the idea of "South PS-Central column". Let me know what you think of the idea. This month's mailbag is a bit light but does have some good stuff so let's get right into it.

Some confusion continues to linger about the Houston Fire Dept's Ambulance system (see June through October, 81 issues) of multiplexing the voice and medical telemetry onto one UHF MED channel. I am probably the most confused and am appealing for any help in trying to clear up this confusion. According to one piece of technical input sent to this column, the data suggests the voice channel can be heard without any special demodulators. Meanwhile other input, some quoting sources within the HFD, insists that the voice cannot be heard when the channel is multiplexed. I am not in a position to monitor these transmissions for the definite answer--being some 250+ miles away. While in Houston this past June, I was unable to monitor the system as they were using their alternate means of communicating while I was there. If anyone can shed some new light on the topic either through a light technical discussion or from actual monitoring experience, I am sure other readers, as well as myself, would find the matter of interest to settle this question once and for all. Perhaps other areas of the state use a similar scheme of things and might provide a further insight into the topic in general. How about it DFW Metro Chapter?

From Scott Carr, AL-15: Scott continues his regular contributions with more info on the Birmingham area radio systems. The callsigns of the Birmingham PD as given in the November issue (KSC 471) is correct, Scott notes. Scott wishes to add the following frequencies:

Birmingham PD	156.210	KIB 664	B/M---Detectives
City of Birmingham	155.880	KIN 567	B/M---Building Inspectors
" " "	453.100	KQP 437	R ---School Board

In addition Scott notes that in the August issue the frequency given for Shelby County Sheriff Dept is a repeater (output) and with the assistance of David Beck (AL-1) found the input frequency to be 156.090. To round out Scott's report is a list of Birmingham PD 10-codes, which if the list reduces to the proper size for publishing will accompany these pages. Thanks a million, Scott!

BIRMINGHAM, ALABAMA POLICE DEPT.

RADIO SERVICE CALLS

"CALLED FOR SERVICE" CODES

SIGNAL:	MEANING:	SIGNAL:	MEANING:	SIGNAL:	MEANING:	SIGNAL:	MEANING:
*00	EMERGENCY - MAXIMUM PRIORITY - OFFICER NEEDS ALL POSSIBLE ASSISTANCE.	20	Larceny from business (till-tap)	43	Pedestrian struck	66	Person with a gun
		21	Larceny from business (shoplifting)	44	Driving while intoxicated suspect (DCW)	67	Disorderly person (s)
		22	Larceny from business (other)			68	Suspicious person (s)
1	ADT Burglar alarm	23	Larceny from vehicle	45	Investigate Reckless Driving	69	Mentally disturbed person (s)
2	Burglar alarm, local	24	Larceny from residence	46	Parking violation - public street	70	Person down
3	Burglar alarm, recorded	25	Larceny from person	47	Parking violation - private property	71	Missing person
4	Burglary in progress - business	26	Larceny of bicycle	48	Direct traffic	72	Drunk
5	Burglary in progress - residence	27	Purse snatching	49	Escort -- Military, VIP, etc.	73	Fire
6	Burglary in progress - any vehicle	28	Theft of vehicle in progress	50	Emergency escort	74	Airport Emergency
7	Burglary in progress - coin oper. machine	29	Theft of vehicle - take report	51	Miscellaneous Traffic violation	74-A	Airplane Crash
		30	Stolen vehicle located-take report	52	Hazardous road condition	74-B	Airplane Hijack
8	Burglary of business	31	Suspicious vehicle	53	Assist Citizen	75	Unclassified emergency
9	Burglary of residence	32	Abandoned vehicle	54	Routine Traffic Stop	76	Bomb, explosive, etc., threat
10	Burglary of vehicle (personal or business)	33	Malicious Mischief	55	Animal nuisance	77	Bomb, explosive, etc., located
		34	Gambling complaint	56	Disturbance (loud music, T. V., party, etc.)	78	Desk Assignment
11	Burglary of interstate vehicle	35	Liquor violation complaint	57	Dangerous animal	79	Unclassified complaint
12	Burglary of coin oper. machine	36	Narcotics complaint	58	Injured animal		
13	Prowler	37	Worthless document (currency, bad check)	59	Pollution complaint		
14	Robbery alarm -- local			60	Homicide - all types		
15	Robbery alarm -- recorded	38	Prostitution complaint	61	Personal assault		
16	Robbery in progress - business	39	Trouble at City Jail	62	Rape		
17	Robbery in progress - person	40	Traffic Accident - public street	63	Deceased person		
18	Robbery - business, not in progress	41	Traffic accident - private property	64	Affray		
19	Robbery - person, not in progress	42	Hit and run (public street only)	65	Domestic disturbance (family)		

DISPOSITION CODES

CODE

A - Incident report made-no arrest report.
B - Arrest report made-no incident report needed
C - Accident report made
D - Follow up-supplement report made.
E - Incident report and arrest report made.
F - Accident report and arrest report made.
G - Accident report and incident report made.
H - Accident report, arrest report, and incident report made.

CODE

I - Directed traffic-no report.
J - Traffic citation issued-no other report.
K - Assisted a citizen-no report.
L - Assisted another unit (back-up) no report.
M - Cancelled by dispatcher.
N - Wreck less than $200.00-no report
O - Field Interview card-no other report.
P - Unable to locate complainent or incident.
Q - Out of City jurisdiction-referred to proper agen

CODE

R - False alarm-no report.
S - Unfounded-no police action possible or necessary-no report.
T - Civil matter-no report.
U - Family Court or other social agency notified-no report.
V - Public utility notified-no report.
W - Peace restored-no report necessary.
X - Incident Report (Old Case Number).
Y - Duplicate Call.
Z - Turned over to another unit - no report.

ADMINISTRATIVE DISPATCH CODES

"10" SERIES SIGNAL	MEANING:	"10" SERIES SIGNAL	MEANING:
*00	EMERGENCY - Officer needs help	10-28	Vehicle registration information.
10-1	Ambulance Clearance -- Local.	10-29	Check for wanted.
10-2	Ambulance Clearance --Out of town.	*10-33	EMERGENCY: Officer needs assistance.
10-3	Paramedic.	10-35	Major crime or incident alert.
10-4	Acknowledge. (O. K.)	10-41	Beginning tour of duty.
10-8	In Service.	10-42	Ending tour of duty
10-9	Repeat.	10-44	Leaving assigned patrol area
10-10	Out of service. (Subject to call.)	10-46	Service truck needed, stranded motorist.
10-11	Negative.	10-48	Meet Officer - official business.
10-12	Recall Check	10-49	Traffic device needs repair.
10-14	Time.	10-51	Wrecker needed.
10-15	Have prisoner in vehicle.	10-52	Ambulance needed.
10-16	Wagon needed	10-54	Dead animal.
10-18	Any messages for this unit?	10-59	Blood run.
10-20	Location	10-61	Return to . . . (location).
10-21	Call . . . by telephone	10-68	Information needed other than Wanted.
10-21-A	Call for number.	10-72	Supervisor needed (for reports).
10-21-H	Call home.	10-73	Supervisor needed (other business).
10-21-W	Call wife	10-74	Intoximeter Operator needed.
10-22	Report in person to . .	10-75	Evidence Technician needed.
10-23	Arrived at scene.	10-76	Investigator needed
10-24	Situation under control.	10-78	Coroner needed.
10-25	See a Party	10-87	E. T. A. (Estimated Time of Arrival).
		10-100	Hot Pursuit (Chase).

From David Beck, AL-1: David reports further on the Birmingham area systems. David confirms the inquiry in the November issue that Birmingham PD uses an additional UHF channel of 460.475 KSQ 471--R--West area dispatch. He also adds some very interesting frequencies:

Jefferson County Civil Defense Weather Alerts ---154.025 B/M

Alabama statewide agencies:

Forestry Rangers	159.345 B/M	
Game Wardens	159.465 R	(output)(input frequency ??)
State Health Dept	155.280 B/M	
H.E.A.R. net	155.340 B/M	
Lifesaver One ---		
Helicopter Amb.	155.355 B/M	

For the benefit of those who just joined RCMA and for those who may have gotten lost in the format of presenting the Birmingham area radio system over the last several issues I will make a summary of the frequencies here:

SUMMARY OF BIRMINGHAM, AL AREA FREQUENCIES

Birmingham PD	460.175	R	KSQ 471	East area dispatch
	460.300	R	KSQ 471	Central/Downtown area dispatch
	460.475	R	KSQ 471	Western area dispatch
	156.210	B/M	KIB 664	Detectives
Birmingham FD	154.190	B/M	KIA 580	Fire dispatch and Fireground ch.
City of Birmingham	153.440	B/M	call ?	Water Dept.
	155.280	B/M	call ?	Health Dept. (city)
	453.300	R	call ?	Civil Defense (city)
Jefferson County SD	45.900	B/M	KIB 627	SD ch. 1--main dispatch
	45.740	B/M	KWO 327	SD ch. 2--Sheriff Detectives
" " Rescue	37.900	B/M	call ?	Rescue Squad
County of Jefferson	155.205	B/M	call ?	Health Dept. (county)
	453.300	R	call ?	Civil Defense (county)
	154.025	B/M	KXK 336	Civil Defense Weather Alerts

SUMMARY OF ALABAMA STATEWIDE FREQUENCIES

Alabama State Police	155.475	Base-to-car and also car to car
	155.445	Car-to-Base (paired with above freq.)
Alabama law enforcement mutual aid channel	155.010 B/M	
Alabama Forestry Rangers	159.345 B/M	
" Game Wardens	159.465 R	
" State Health Dept	155.280 B/M	
" Hospital net (HEARS)	155.340 B/M	

From Mike Schroeder, AR-13: Mike sent in a very nice article on the radio activity in the northwestern part of Arkansas, so take it away Mike:

N.W. Arkansas Monitoring
by Mike Schroeder

The Bentonville City Fire Dept utilizes its city government frequency of 155.940 MHz for ambulance dispatching. Tone alert fire and ambulance calls are heard on 46.06 Mhz, along with on the scene fire communications. Since 155.940 is licensed to the city, the dispatcher must use call letter KLS 406 instead of the fire callsign of KDL 788.

The frequency of 46.06 is also shared with the Rogers Fire Dept. but the Rogers Ambulance calls are not announced on this frequency. A Special Emergency radio service frequency of 155.205 MHz is licensed as KVT 721 for Roger Ambulance dispatching.

Tulsa LifeFlight Emergency Helicopter Transport Service has been heard notifying area hospitals of arrival time on 155.340 MHz, the common emergency frequency shared by all area hospitals in N.W. Arkansas. It is used for hospital to hospital, hospital to ambulance, ambulance to hospital, and hospital to doctor communications.

The Springdale Memorial Hospital is equipped to treat victims on the scene of an accident via two-way radio. The doctor at the hospital uses 155.340 MHz to instruct paramedics while medical telemetry is transmitted to the hospital on UHF. 463.175 MHz is licensed as a base frequency and 468.175 a mobile frequency. (Editor note: The FCC regulations state that bases using the UHF MED frequencies be equipped to operate on at least any four of the eight standard channels and that mobiles (portable unit also) operate on all 8 channels.)

A civil defense repeater is located in Springdale and is one of several state-wide on 158.745 MHz, output. Two local offices in Bentonville (WJD 54) and Fayetteville (WJZ 34) work into the repeater on 153.785 MHz. The repeater is used to establish contact with the main office in Conway, Arkansas, which is licensed as KSQ 539. Civil Defense plays a role in disasters, chemical spills, and severe weather.

Finally, I will wrap things up with the Benton County Health Dept. They can be heard on 45.52 MHz and are licensed as KOB 562 for base-mobile communications. This can be very interesting listening at times!

Mighty fine report Mike! Thank you ever so much for taking the time to write. We shall all be looking forward to more reports from you in the future.

From several sources: For all Texas DPS monitoring fans, get out your notebook and pencil-in the following---

In the Dallas area around the Dallas North Tollway, the DPS mobile units normally assigned to that area are equipped, in addition to the standard DPS frequencies, to operate on the Texas Turnpike Authority repeater (157.350 rptr output/151.130 rptr input). The repeater is normally used for maintenance type communications with which the DPS mobile units need to co-ordinate, such as courtesy cars, tow trucks, clean-up crews, etc. (Editor's note: For all the sharp eyed readers objecting to the validity of the frequency 157.350, which is a marine band allocation, for a public safety radio service user, refer to the FCC Rules Section 2.106, Footnote NG 5. This is a little known "grandfather clause" allowing certain public safety licensees (those licensed before June 30, 1958) continued use of the frequency for which they were licensed on certain frequencies in the 156.270 to 157.470 band and for the frequencies 161.85, 161.91, and 161.97 MHz, <u>provided</u> there is no interference with the radio service users now having those frequency allocations. A special note to other land-locked readers--check these frequencies out carefully, there might be some old system still in operation in your area.)

In the Houston area, the Houston DPS base station uses 156.210 as a control frequency to operate a remote controlled base (155.460 out) in Galveston County. The use of 156.210 as a control frequency apparently is a unique application of that frequency. Most of the DPS' usual control frequencies are 154.665 and 154.695. 156.210 used to be the old VHF relay downlinks, before the present high band system came into being. At this time it does not appear 156.210 is becoming a statewide used control frequency function.

From the DFW Metroplex RCMA Chapter: One member of this group on a recent visit to San Antonio noted the change of the SA EMS dispatching channel from the old frequency of 154.415 to a different frequency of 155.220. If anyone in the S.A. area can provide a complete report, please do so in order that this column may represent the S.A. area fire and ems radio system in its entirety.

Before I close the column for this month, let me remind you to send in material for the states of Alabama, Arkansas, Louisiana, Mississippi, Oklahoma, and Texas to my address shown at the head of this sub-column. Also please keep in mind that this is the public safety column, so do not expect reports that are sent in dealing with the Industrial and/or Land Transportation Radio Services to be published here. If you would like for me to have a copy of such lists for my reference, I would be most grateful to have them. Just simply do not expect me to pass the material along to the proper editor as I do not have the means to do so at all times. If in doubt about what to send to me

please check the main Public Safety heading in this issue. One more thing, please have patience awaiting the publication of your material in the column as there is at least a two month process from the moment the letter arrives in the mailbox till it is published and mailed to you. (I am writing this column in late October) This is just one of the growing pains a magazine must face, after having grown out of a newsletter format.

It is now time to part for another month. See you next month. I hope you had a very pleasant holiday season and may the coming year be happy and prosperous.

ILLINOIS, INDIANA, MICHIGAN, WISCONSIN

Greetings from Oswego (and the Chicago Chapter). Welcome aboard to another edition of the "Public Safety-IL/IN/WI/MI" column. A happy and prosperous New Year is in order to all members-wherever located. Hopefully Santa blessed everyone with new scanners and/or accessories. So it's best to get 1982 started off with a bang and no better way to do that than by covering news of chapter meetings and tours recently held in this part of the country.

Dave (IN-002) sends in the following information about the OHIO VALLEY CHAPTER: The organizational meeting and picnic was held on Sun. August 30th at the Patoka Lake Recreational Area east of Jasper in southern IN. Due to a meager turnout of members, very little organization work was accomplished other than exchanging ideas for further development in future. The weather cooperated very nicely and the Patoka area has much to offer as a meeting site. Members in attendance were: Dave Nugent (IN-002), Art Eckert (IN-029), and Ray Hill (IN-023). Eleven guests were also present. Anyone in the southern IN, IL or north or western KY areas desiring further information on joining the Ohio Valley area Chapter are urged to contact Dave Nugent (IN-002), 2542 Birk Dr., Jasper, IN 47546.

CHICAGO AREA TOUR OF CHICAGO F.D. ACADEMY AND DISPATCH CENTER 12 members and five guests were on hand for the tour that began at 1 P.M. on Sept. 20th. The tour guide was Lt. Ponce deLeon. Our hosts in the dispatch center were Fire Alarm Operators Greg Bishop and Jim Evans (who happens to be members IL-065 and IL 066, respectively). The tour concluded around 3 P.M.

MINUTES OF CHICAGO AREA CHAPTER MEETING OF SEPT. 27th, 1981. The meeting was called to order with 21 members and 5 guests from IL & WI present. The following agenda items were discussed:

1. Introduction of members and guests.
2. Opening remarks.
3. John Arendt summarized his upcoming columns plus other items of interest.
4. 1982 dates for meetings were scheduled and approved as follows: Jan. 16th, March 6th, April 24th, June 12th, July 31st, Sept. 25th, and Nov. 13th. (NOTE: All meetings are scheduled on Saturday afternoons at the Nancini's Restaurant in Berkeley. Doors to open at 1300 and meetings to start at 1330).
5. A combination picnic-field day was discussed. Hopefully this will be scheduled on a Sunday Afternoon sometime in the latter part of August.
6. Ed Sirovy gave a slide presentation on the recently-held members' tour of the Chicago Fire Dept. Academy and Dispatch Center.
7. Two fire alarm boxes were demonstrated by Ed Sirovy.
8. A round table discussion was held among members and guests.
9. Informal sessions followed - lasting several hours.

COOK COUNTY SHERIFF ACTIVITY CODES courtesy of Rich (IL-173).

INCIDENT

1. Alarm
2. Animal Bite
3. Assist Citizen
4. Assist Other Agency
5. Citizen Calling for Help
6. Domestic

ACTION ADVISED

A. Advised to Seek Legal Help
B. Advised to Recontact Police If Necessary
C. Advised Warrant
D. Aided Citizen
E. "GOA" (Complete)
F. Memo Submitted

7. Drunken Disturbance
8. Noisy Disturbance
9. Street Disturbance
10. Teenage Disturbance
11. Drag Racers
12. Escorts
13. False Bomb/Fire Report
14. House Watch
15. Ambulance
16. Juvenile Problem
17. Lost Person Aided
18. Person Down
19. Neighborhood Problem
20. Notification
21. Parking Problem
22. Premise Check
23. School Crossing
24. Stray Animal
25. Suspicious Auto/Person
26. Other Misc.
27. Warrant

G. No such Address
H. No Service Rendered
I. Unfounded
J. Other Police Service
K. Peace Restored
L. "GOA" (Offender)
M. Premise Secure
N. Removed to Hospital
O. Returned to Home/Family
P. Taken station
Q. Traffic Citation Issued
R. Arrest
S. Case Report
T. Rabies Control Notified
U. Prisoner Housed
V. Investigation Pending

The above would be used upon clearing a call, for example Unit 1347 10-8 15-N (nora). Rich advises that this is an old list so there might be changes, etc. that are now in effect. Please pass on any corrections.

Ron (IL-009) advises that the WILL COUNTY, IL S.D. has placed mobile extenders into service. Portables transmit on 159.210 to the "extender" - which outputs into the low band dispatch freq. of 39.620.

Last minute newsflash!! Ed (IL-004) reports that the CHICAGO, IL P.D. has lent 250 portable radios operating on its "Citywide 6" freq. 460.250 on a temporary basis to the CHICAGO, IL F.D. as of Oct. 1st.

Rich (IL-173) follows up the DUCOMM tour and the newsletter articles about DUCOMM with the following contribution:

DUCOMM CAR NUMBERING SYSTEM

Lombard (Lincoln units): 1,2,3,4,6 & 8=Patrol. 11=Desk. 15-17=Area Cover. 18 & 19=Special Assignment. 31=Watch Commander. 32&33=Shift Sergeants. 40-49=Community Service Officers. 50-59=Detectives (50 is the Commanding Officer). 70=Chief. 71-79=Administrative Officers.

Villa Park (Victor units): 1 thru 8=Patrol. 11=Desk. 26 thru 28=Area Cover. 29=Early Man on Shift. 30=Shift Sergeant. 31=Sergea nt. 40 thru 49=Community Service Officers. 50 thru 59=Detectives (50 is the Commanding officer). 70=Chief. 71=Watch Lieutenant. 72 thru 27=Administra tive Officers. 100 thru 109=Police Aux. Units.

Elmhurst (Echo units): 1 thru 4=Main Patrol. 5 thru 7=Cover Patrol. 8 thru 10= All Town Cover. 11 thru 14=Sector Cover. 19=Desk. 20 thru 29=Tactical Assignment Group. 30=Watch Lieutenant. 31 & 32=Shift Sergeant. 33= Special Sergeant. 39=Evidence Tech. 40 thru 49=Community Service Officers (47 is the animal control). 50 thru 59= Detectives (50 is the Commanding Officer). 60=Crime Prevention. 70= Chief. 71 thru 79=Administrative Officers. 100 up=Aux. Patrol Units.

Oakbrook Terrace (Ocean units): 1 thru 30=Patrol (each officer assigned a permanent number). 39=Evidence Technician. 41 & 42=Tr affic Investigation. 50=Detective. 70=Chief. 71=Lieutenant. 30 & 31=Sergeants.

Glen Ellyn (Golf Units): 1 thru 4=Patrol. 20 thru 29==Area Cover. 31=Shift Sergeant. 50 thru 59=Detectives (50 is Commanding Officer). 70=Chief.

71 thru 79=Administrative Units. 40=Traffic. 47 thru 49=Community Service Officers. 100 up=Aux. Units. 146 thru 149 and 152 thru 155 are DUCOMM Administrative Units.

Winfield (William Units): 1=Patrol. 26=Back up. 40=Traffic. 70=Chief. 71=Lieutenant. 30=Sergeant

Carol Stream (Charlie Units): 11, 12, 20=Patrol. 40=Traffic. 30=Sergeant. 72=Code Enforcement. 70=Chief. 71 thru 79 (except 72)=Administra tive Units. 190 thru 199=Community Service Officers.

Hanover Park Yankee Units): 1 thru 4=Patrol. 20 thru 29=Back Up Cover. 30 thru 33=Sergeants. 40=Traffic Car. 41 thru 49=Community Service Officers. 50 thru 59=Detectives (50 is the Commanding Officer). 70=Chief. 71 thru 79=Administrative Units. Editor's Note: 200 is the station and you'll find it on the old 155.520 freq. when it makes contact with other Yankee units.

Ducomm Administrative Units (Golf Units): 147=Technician (Part Time). 148=Technician (Full Time). 149=Director. 152 thru 155=Operations Managers.

Rich (IL-173) finishes his good contributions with material on the Park Forest, IL area. I'll entitle this PARK FOREST, IL AREA PUBLIC SAFETY INFO.

The villages of Park Forest, Richton Park, Matteson, and Olympia Fields share police, fire, and village services freqs. They are as follows: Police Dispatch=470.7625; Police "Band 2"=155.025; Fire Dispatch=154.370; Village Services=154.370. (Richton Park uses a "Band 3"=CB Channel 33; Olympia Fields Police are dispatched from Park Forest at night, on the weekend, and on holidays. Matteson dispatches Olympia Field fire units.

An abbreviated version of the standard 10-code is used. Special "signals" are used to supplement the 10-codes. They are as follows:

1. Officer needs assistance
2. Anything for us?
3. Ambulance
4. Pick up papers
5. Visitors present
6. Security check at ...
7. Alarm
8. Gas/Auto Service
9. Pick up food for prisoner
10. Utility trouble
11. Shoplifter
12. Speeding car at....
13. Lost/found child
14. Car Wash
15. Abandoned Car
16. Parking Violation
17. Traffic stop
18. Meet
19. Pick up coffee
20. Stolen auto
21. Runaway/missing person
22. Prisoner in custody
23. Abondoned bike

Park Forest still has a few "post numbers" in use. They are as follows:

Post 1 Police Station
Post 2 Fire Station
Post 3 Village Hall
Post 4 Officer's home
Post 12 Main Plaza
Post 13 Norwood Plaza
Post 14 Blackhawk Plaza
Post 37 Sears

Police car numbering for Park Forest is as follows: 880=Chief. 881=North Patrol. 882=West Patrol. 883=East Patrol. 884=South Patrol. 885&886=Special Assignments. 887=Street Commander. 888=Deputy Chief. 889=Watch Commander. 890=Duty Detective. 891=Administrative/Support Bureau Commander. 892-898=Misc/Aux. Units. 899=Animal Control. (When a 3 car patrol plan is used: 881=North Patrol. 882=Central Patrol. 883-South Patrol. 884=Patrol).

Police car numbering for Olympia Fields is as follows: 840=Chief. 841-843=Patrol. 845=Duty Supervisor. 846=Chaplain. 847=Duty Detective. 849=Lieutenant. 855=Animal Control.

Rich didn't send in car numbering schemes for the other villages, but did state that 839 is the Lincoln Mall Security Police (Not connected with the village of Matteson).

WISCONSIN STATE PATROL begins the change-over to VHF high band freqs. per information received from Tom (WI-006), George (WI-004), and Bob (WI-026). Dist. 8-Spooner-covering the northwestern part of the state is the first area to make the change. A recent trip in that part of the state revealed that 4-channel high band radios are in service.

Channel 1	District to Car	154.905 base/159.450 mobiles
Channel 2	Car to Car	presently unknown
Channel 3	Statewide	presently unknown
Channel 4	WISPERN (NLEEF)	155.475 bases and mobiles

The old low band radios are still in place in the vehicles should they ever go out of Dist. 8 territory. Another VHF high band freq. of 155.445 was recently used in the Milwaukee area for a midwestern governor's conference.

Tom (WI-006), George (WI-004), and Bob (WI-026) have also sent in the details on the VHF high band radio system in use by the WISCONSIN DEPT. OF NATURAL RESOURCES:

"Green"	159.225 rptr out (151.145 in)	north central dist. fire
"Yellow"	159.255 rptr out (151.205 in)	northwest,south, southeast dist. fire
"Blue"	159.330 rptr out (151.355 in)	DNR Dept. Network.
"Red"	151.430 simplex state fire network	
"Brown"	151.400 simplex statewide parks and forests	
"Purple"	151.160 simplex statewide fish & wildlife	

Multi channel radios are under consideration for this system, so that "DNR" units can also make contact with state patrol, county sheriff and local police dept. bases and mobiles.

CLINTON COUNTY, MI area freqs. Charles (MI-094) sent in a long list of freqs. used in that area. I'll highlight them as follows:

154.220	Fire Depts. Also included are unlisted depts. at Fowler and Maple Rapids
460.325	Sheriffs Dept. - regular operations
460.525	Sheriffs Dept. - car to car surveillance
460.050	Sheriffs Dept. - cooperative freq. Shared with Eaton & Ingham Counties.

The 155.610 and 155.850 freqs. are no longer active.

SUBURBAN DETROIT, MI area freqs. Ron (MI-060) sent in some of the dispatch freqs. for neighboring sheriffs dept.

Oakland County 39.140-Marine Division, 155,730-Road Patrol, 39.040-Road Patrol
Lapeer County 39.820-also Imlay City P.D (Editor's note; This freq. is widely used through out the northern and northeastern parts of the lower peninsula as an interagency or common freq).
Livingston County 37.140-Dispatch
Monroe County 37.120-Dispatch
Macomb County 460.400-Dispatch

With the latest news from MI, this column comes to a close. Next month should bring a feature article about "MSP" Michigan State Police-along with a guest editor. It's time to get back to the radio and some

Happy Monitoring!!

PUBLIC SAFETY - EAST

Send Public Safety and Special Emergency frequencies, radio system details, and questions for Connecticut, Delaware, District of Columbia, Florida, Georgia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Vermont, Virginia, and West Virginia to : Richard Barnett, P.O. Box 428. Newton Highlands, MA 02161.

Greetings from Boston where once again I would like to get a local chapter going. Any interest? Please write and let me know. If we can find someone to act as president I'm sure many people will join-up. Maybe we could make it a New England chapter. Anyhow, this issue we'll have information from a number of different locals. I'm still undecided whether to highlight one state each month or touch upon many. Let me know what you think.

FLORIDA

From Scott (FL-033): Broward County Sheriff's Department -system notes:

155.130 -Is not only used for the Fort Lauderdale Airport. It is also used for Districts 1 & 3. Sea Ranch lakes (25) and Hacienda Village (23) are also on the Frequency. Lauderhill Police are no longer on 154.860. They are on the Broward Sheriff Office frequency of 154.710. They are district #6 -600 units. Lauderhill Lakes Police are also not on 154.860, but 154.710. They are district #4 -400 units. District #2 also on -.71. The Sunrise Police Department has two city channels in addition to the main channels. 45.500 is Base to Car and 45.760 is car to car. Finally the Oakland Park Police Dept. has left their 460.050 frequency which they shared with three other departments for their own channel of 470.5125. Below is a list of codes, signals and community designators.

BROWARD COUNTY SO, FORT LAUDERDALE, FL

___Alpha	(patrol midnight tour)	___November	P.S.O.
___Bravo	(patrol day tour)	___Oscar	Boats, Divers
___Charlie	(patrol evening tour)	___Poppa	Aircraft
___Delta	Sergeants	___Quebec	Med Exam, St. Atty, Training
___Echo	Lieutenants		Disaster, etc.
___Foxtrot	Foot Patrol	___Romeo	Reserves
___Golf	Unassigned	___Sierra	Sheriff, Chief, Adm, Capt.
___Hotel	Transportation	___Tango	Traffic
___India	Airports & Port	___Uniform	Off Duty Personnel
___Juliet	Juvenile	___Victor	Org, Crim (Vice, etc)
___Kilo	Detectives	___Whiskey	Civil Division
___Lima	Technical	___X-Ray	Control (Base) Stations
___Mike	EMS	___Yankee	Tac, Selective Enforcement
		___Zulu	Crime Control

1	Broward Sheriff's Office	17	Davie PD
2	Sunrise PD	21	EMS
3	Margate PD	23	Hacienda Village PD
4	Plantation PD	25	Sea Ranch Lakes PD
5	Tamarac PD	27	Parkland PD
6	Lauderhill PD	31	State Attorney's Office
7	N. Lauderdale PD	33	Medical Examiner
8	Lauderdale Lakes PD	42	Mercy
9	Coral Springs PD	43	American
10	Miramar PD	44	National
11	Cooper City PD	45	A.I.C.
12	Pembroke Pines PD		

BROWARD COUNTY UNIFORM DISPATCH SIGNALS

DISPATCH SIGNALS						TEN SIGNALS	
0	Armed and/or Caution	43	Lewd - Lascivious Acts	10-14	Convoy or Escort	10 58	Teleprinter Msg.
1	Drunk Driver	44	Boat - Marine Accident	10-15	Prisoner In Custody	10-59	Send Teletype or Computer Msg.
2	Drunk Pedestrian	45	Airplane Crash	10-16	Pickup Prisoner At	10-60	Assist to Motorist
3	Hit and Run	46	Bomb Threat	10-17	Conduct Investination	10-61	Need Sgt. on Scene
4	Accident	47	Vice Case (Non Drug)	10-18	Complete Assignment Quickly	10-62	Need Lt. on Scene
5	Murder	48	Open Door	10-19	Return to Station	10-63	Need Bomb Squad on Scene
6	Escaped Prisoner	49	Alarm (Type)	10-20	Your Location	10-64	Need Crime Lab on Scene
7	Dead Person	50	Labor Trouble	10-21	Call Station By Phone	10-65	Can You Copy
8	Missing Person	51	Trespassing	10-22	Disregard	10-66	Cancel
9	Stolen Tag	52	Forgery-Counterfeit	10-23	Standby	10 67	Serving Civil Process
10	Stolen Car	53	Embezzelment Fraud	10-24	Trouble - Send Help	10-68	Legal Advice/Advisor Requested
11	Abandoned Vehicle	54	Hijack - Aircraft	10-25	In Contact With	10 69	Narcotics Agent Requested
12	Reckless Driver	55	Explosion	10 26	Message Received	10-70	Wrecker Requested
13	Suspicious Vehicle	56	Beverage Violation	10-27	Complete Record Check	10-71	Ambulance Requested
13P	Suspicious Person	57	Narcotics	10-28	Check Registration	10-72	Aviation Unit Requested
14	Information	58	Unlawful Assemblies	10-29	Stolen and/or Wanted	10-73	Juvenile Unit Requested
15	Special Detail	59	Fire Bombing	10-30	Against Rules/Regulations	10-74	Re Call
16	Child Abuse	60	Sniper Fire	10-31	In Pursuit	10-88	Where Can de Reached
17	Contact	61	Gambling	10-32	Is D. O. Operator Available	10 89	On Page Service
18	Felony	62	Racial Trouble	10-33	Emergency Traffic	10 90	Scramble (Code A B C D E F G)
19	Misdemeanor	63	Impersonating Officer	10-34	Jail Break/Or Trouble at Station	10 91	Tactical Frequency
20	Mentally Ill Person	64	Larceny - Auto Parts	10-35	Confidential Information	10 92	Information Frequency
21	B & E	65	Shoplifter	10-36	Correct Time	10 93	Detective Requested
22	Disturbance	66	Civil Matter	10-37	Operator on Duty	10-94	Back-up Requested
23	Pedestrian/Hitchhiker	67	Sick or Injured Person	10-38	Block Road(s) At	10-95	Computer Check
24	Kidnapping/ False Imprisonment	68	Police Service Call	10-39	Message Delivered	10 96	Radio-Telephone Patch
25	Fire	69	Loose Farm Animal on Hwy.	10-40	Out For Meal At:	10 97	Arrived at Scene
26	Drowning	70	Animal Bite	10-41	In Possession Of	10 98	Completed Assignment
27	Prowler/Peeping Tom	71	Snake Call	10-42	Out of Service At Home	10-99	NCIC/FCIC/BCIC HIT
28	Civil Disorder	72	Lost/Found Property	10-43	Any Traffic For	10-100	Alert - Remain In Contact With
29	Reckless Operation - Boat		TEN SIGNALS	10-44	Pick Up Papers At		Station by Phone
30	Larceny (Type)	10-1	Receiving Poorly	10-45	Call ..... By Phone	10-101	Log On Digital
31	Assault (Type)	10-2	Receiving Well	10-46	Urgent	10-102	Log Off Digital
32	Suicide	10-3	Stop Transmitting	10-47	Blood Run	10-103	Ack. Digital Msg. on Screen
33	Shooting	10-4	Acknowledgment - Msg. Rcvd.	10-48	End/Did You Receive?	10-104	Computer System Down
34	Stabbing	10 5	Relay To	10-49	Serving Warrant - Capias	10-105	Prisoner Transport Requested
35	Rape	10-6	Busy	10 50	Stopping Vehicle (Tag & 10-20)	10-106	Medical Asst. Requested
36	Disturbance/Fight	10-7	Out of Service	10-51	Enroute	10-107	C. R. U. Requested
37	Disturbance/Juvenile	10-8	In Service	10 52	Est Time of Arrival	10-108	
38	Disturbance/Domestic	10 9	Repeat - Conditions Bad	10-53	Coming By Office	10-109	
39	Disturbance/Neighbor	10 10	Out of Service-Subj to Call	10-54	Negative	10 110	
40	Vandalism/Malicious Mischief	10-11	Dispatching Too Rapidly	10-55	Car Calling to Car	Code No. 1 - Routine Response	
41	Robbery (Type)	10-12	Visitors Present	10-56	Meet..... At.....	Code No. 2 - Expedite Response	
42	Child Molest	10-13	Weather/Road Conditions	10 57	At Pistol Range	Code No. 3 - Emergency Response*	

*NOTE: ALL CODE 3 RUNS WILL BE PRECEDED BY A 1000 CPS ALERT TONE

continued

MONITORING & THE LAW

EDITOR NEEDED!

We need a new Monitoring and the Law column editor. The editor of this column should have some familiarity with monitoring laws and it would be desireable if he/she had a collection of monitoring laws from around the nation. This editor would be required to generate some information for the column as well as organize input from the general membership. If you are interested, please TYPE a letter telling about yourself and qualifications to: RCMA Managing Editor, P.O. Box 1119, Flemington, NJ 08822.

Scott, (FL-069), writes: In the October '81 Newsletter, Joe's list of Pinellas County frequencies contained a few errors. 155.800 KIR823 Repeater -Pinellas County Schools- I believe should be 155.820. Pinellas County Sheriff Channel #1 is 154.755, not 154.775. Clearwater Police doesn't have any base or mobile units on channels #1 or #3, however it does have mobile units and possibly a base station on channel #4. Also, the unincorporated areas around Clearwater work on channel #3.

NEW YORK

From Mike W. (NY-067) and Doug K. (NY-036): N.Y.C. E.M.S. "Mutual Aid" -155.340

This frequency will be used by E.M.S. as a coordination frequency between them and various, as yet unknown, VOLUNTEER AMBULANCE groups throughout the five boroughs.

The base is located at the E.M.S. (location #1) COMMUNICATIONS CENTER in Elmhurst, Queens. To date, all we have heard on this frequency is E.M.S. car #1 (the cheif) and car #50 (dispatching). More to come on this as it develops into full operation.

N.Y.F.D. will be moving its HDQTRS. from 110 Church street, City Hall Area, Manhatten, to 250 Livingston Street, downtown Brooklyn area, in the Spring of 1982. This will make them the first MAYORAL AGENCY not located by City Hall, and the first to break the long standing tradition. The new "STARFIRE" computer system center, a/k/a "CITYWIDE COMMAND CENTER", is located on the second floor of the police headquarters at 1 Police Plaza, Manhatten. The F.D. has its own entrance to the office, and NO visitors are permitted whatsoever. The entrance is located to the left of the Police underground garage entrance/exit. Oh yes, the City Board of Estimate approved the headquarters move to Brooklyn. I wonder if they received their blessing from the "How am I Doin'?" man, our beloved Mayor Ed Koch, yet, re: the move.

The New York City Transit Authority has $25 million dollars available to them for improvements on their horrible radio communications system. $13 million will be spent on new radios, base station improvements, and consoles. Another $12 million will be used to re-furbish the present system. Its about time they did this, after all the T.A.P.D. has to deal with more than 200 "DEAD SPOTS" day in and day out. They cited the Woodlawn-Jerome Ave. and Pelham Bay Lines as the worst when it comes to keeping in contact with the base stations at their Brooklyn Headquarters. Actually, they should scrap VHF altogether and go to UHF. I, Michael, am sure that the F.C.C. would grant them approval for UHF stations being that they fall under the LOCAL GOVERNMENT/ PUBLIC SAFETY categories. I plan to send them my ideas A.S.A.P. I expect no reply though. (Editors note: Here in Boston the Mass Bay Transit Authority uses 470MHz radios for both trains and police.)

New York City Transit Authority Police Radio Communications Codes:

10-01 Call Command	10-23 Cancel Ambulance
10-02 Report to Command	10-24 Unnecessary/ Unfounded Call
10-03 Call Dispatcher	10-25 Request Emergency "RESCUE" Squad
10-04 Acknowledgement	10-26 Escort (specify)
10-05 Repeat Message	10-27 Dangerous Condition (specify)
10-06 Stand-by	10-28 Lost Person (describe -identify)
10-07 Give Location	10-29 Condition Corrected
10-08 On Post/ On the Air	10-30 Train Collision
10-09 Leaving Post/ Off the Air	10-31 Train Derailment
10-10 Signal Report	10-32
10-11 Request Test Transmission	10-33
10-12 Arrest Made, Request Patrolwagon	10-34
10-13 Assist Officer	10-35 Chase
10-14 Fire, Request Apparatus	10-36
10-15 Alarm of Fire	10-37 Remove Power from Tracks
10-16 Train Derailment	10-38 Restore Power to Tracks
10-17 Passenger under Train	
10-18 Disorderly Person (specify type)	CODE 1 -RESPOND REDUCED SPEED (no lights)
10-19 Investigate Crime	CODE 2 -RESPOND LIGHTS ONLY
10-20 Aided Case	CODE 3 -RESPOND LIGHTS & SIREN
10-21 Bomb Threat	
10-22 Request for Ambulance	(Thanks to Bob (NY-144) for his contribution)

HATZOLOH Volunteer Ambulance Group, a/k/a "THE HASSIDIC RESCUE SQUAD", operates on 155.235MHz. They operate exclusively in the 61, 66, 70 Precinct's areas in Brooklyn. The base is known as "H" base on the air. SHOREFRONT Volunteer Ambulance group operates on 155.220MHz and not on 460.525, as previously noted in past issues of Police Call. They are licensed for it, but they never bought the equipment to operate on UHF. SHOREFRONT operates exclusively within the Sheepshead Bay, E. Brighton Beach, Gravesend, Kingsbay, Midwood-Kings Highway areas of Brooklyn.

From Don (NY-077):

N.Y. Fire Dept.'s Computerized Dispatch System

Fire-Dispatch Setup Speeds Response To Alarms

By MARY KNOX

NEW YORK — Staten Island will become the fifth and final borough this October, to hook up to a city-wide, minicomputer—based dispatch sytem that enables the Fire Department here to respond more quickly to alarms, John Mohan, director of the Fire Department's bureau of information and computer services, said last week.

Called "Firestar," due to the system's configuration of a central site and five dispatch centers in this city's boroughs, the computer-based management information and control system was first implemented in Brooklyn in 1977.

The Firestar network includes 14 computers, 12 microcomputer systems and 500 computer terminals, connected to 16,000 alarm boxes. According to Mohan, it is one of the most sophisticated systems in the country, ranked just above San Francisco's.

It is built around two Digital Equipment Corp. "PDP 11/45" systems, with two tape drives apiece, line printers, a card reader, CRT terminals and a microprocessor alarm teleprinter in each fire station. Two Intel Corp. "8080s" are set up as a fallback system should the PDPs fail simultaneously.

"The origin (of Firestar) probably goes back to the civil disorders in the sixties. The Fire Department felt the alarm rate was getting out of hand," said Mohan.

Statistics for 1978 show over 285,000 false alarms, 120,000 fires, and 66,000 emergencies to which the department responded.

There has been a 300 percent increase in real and false alarms during the last 10 years.

The Fire Department had been dispatching engines manually since 1925. A board with a series of chips representing fire houses showed whether a company was in its house and available to respond to an alarm. The dispatcher then selected a company after matching the alarm address with company locations.

"It was a good way to dispatch 25 or 30 years ago," said Mohan. "But it took a long time."

Firestar, which is on-line 24 hours each day, can respond to three alarms per minute in under 40 seconds per alarm.

Most Alarms In Brooklyns

According to Mohan, Brooklyn is the borough that reports the most fires. On July 4, a particularly fiery day, as many as 7 to 9 alarms are reported per minute.

The central computer can receive alarms from telephones, from mechanical and new electronic street boxes, from department units via radio, or directly from a firehouse.

It then will make a dispatch assignment to the appropriate borough, based on availability and location of fire companies. This assignment must be approved by the decision dispatcher in borough headquarters. An alarm message is then sent to the chosen company.

The decision dispatched also is provided with a hard—copy fire

MANAGEMENT INFORMATION SYSTEMS WEEK
9/3/80

ticket. Like the old tickets that were made out by hand, it includes all information relative to each incident.

Can Override Suggestions

Dispatchers are on duty 24 hours a day and can override computer suggestions. "This is billed as a computer-aided dispatch system," Mohan explained.

Teleprinters in fire stations give the companies alarm messages, telling them where the fire is and giving them any additional available information. A selector panel enables the company to reply to its headquarters quickly and to indicate that it is on its way to the fire or cannot respond due to a specific reason.

Every borough center has a display map that denotes each fire company and indicates, by colored lights, whether or not it is available.

"The point is, who's available to send to the next fire?" explained Mohan. He also pointed out that by looking at the map, the dispatcher can "tell whether an area of the city has a loss of coverage."

Chip System Is Backup

The set up for the old manual method of moving the chips is still in the dispatch center, where it could be used in the event of a total computer failure.

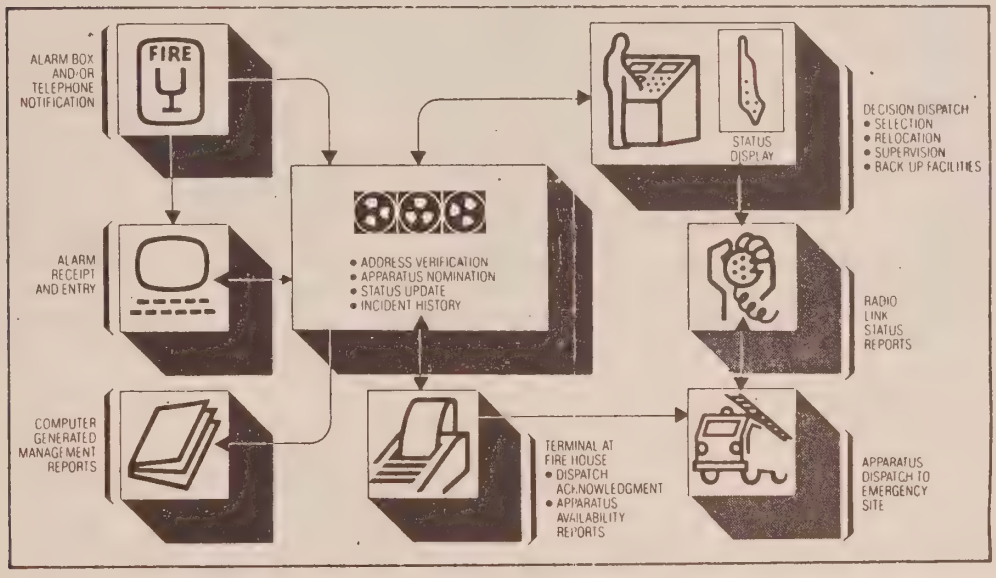
According to Mohan, the Brooklyn system was down only 11.27 hours out of 12,384 hours between November 1977 and March 19799.

Otherwise, as Manhattan supervising dispatcher James Asaro commented, "We don't need to know where the (fire) companies are. The computer knows."

A Fire Department system was firest proposed in 1969, but bids came in for $40 million, nearly three times what had been expected, and the city temporarily dropped the project.

A $10 million contract for the city-wide Starfire network was awarded to Bradford National Corp. in October 1977, after the company had already installed the Brooklyn pilot system at a cost of $3 million.

The Firestar Network



MASSACHUSETTS

A very interesting police communications system here in Massachusetts in the Barnstable County Police Department Radio Network which covers Cape Cod. A few years ago all towns were on one of three frequencies with a common intercity channel of 155.565. Since that time though, Cape Cod has been growing -especially in the summertime- in population and a number of communities have switched to their own frequencies. Once things have settled there I'll print a conclusive report. For some reason, the B.C.P.D. towns are very secretive about their communications, using scramblers and a hard to find "10 code". Recently I received a copy of one of their code lists and thus I decided to print this as soon as possible. Unfortunately I lost the envelope of the person who sent the information and I can't credit him for the contribution. I apologize for that, but it would be helpful if, whenever anyone sends something in, they could just jot down their first name and RCMA number on the top of each sheet. Thanks.

Falmouth Police Radio Codes:

10-00 Clear Air, Emergency Traffic
10-01 Officer in Trouble, Need Help
10-02 Assist
10-03 Meet Officer at_____
10-04 Acknowledgement
10-05 Repeat Transmission
10-06 Out of Service Temporarily at_____
10-07 Out of Service
10-08 In Service
10-09 At the Scene
10-10 See Complainant
10-11 Fight in Progress
10-12 Domestic
10-13 Disorderly Person
10-14 Prowler
10-15 Noisy House or Group
10-16 PC
10-17 Shots Fired or Man with Gun
10-18 Return to Previous Location
10-19 Return to Station
10-20 Location
10-21 Call____by Phone
10-22 Disregard
10-23 Alarm at_____
10-24 Emergency
10-25 Breaking & Entering
10-26 Burglary
10-27 Robbery
10-28 Rape
10-29 Assault & Battery
10-30 Accident with Property Damage
10-31 Accident with Personal Injury
10-32 Accident -Auto & Pedestrian
10-33 Accident -Hit & Run
10-34 Accident (fatality)
10-35 M & W Check
10-36 License Check
10-37 Registration Check
10-38 Check for Stolen
10-39 Date of Birth Check
10-40 Request for Wrecker
10-41 Request Ambulance
10-42 Request Fire Department
10-43 Request Supervisor
10-44 Request Medical Examiner
10-45 Assist Motorist
10-46 Disabled Motor Vehicle at____
10-47 Illegally Parked Cars
10-48 Suspicious Vehicle
10-49 Assist with Traffic
10-50 In Pursuit
10-51 Stopping Vehicle at____
10-52 Arrest Made
10-53 Bomb Threat
10-54 Correct Time & Date
10-55 Inspection OK
10-56 Vandalism
10-57 Alert
10-58 Bank Run
10-59 Open Window or Door
10-60 Transportation
10-61 Out of my Area
10-62 Shoplifter
10-63 Theft
10-64 Assault
10-65 Larceny
10-66 Request Photographer
10-67 Breathalizer
10-68 Bailed or Released
10-69 Request County Identification Officer
10-70 Missing Person
10-71 Removal
10-72 Request Matron
10-73 Funeral Home
10-74 ER
10-75 Threat
10-76 Dead on Arrival
10-77 Attempted Arson
10-78 Trespasser

NEW JERSEY

From Gary (NJ--086): New Jersey State Police Codes

1 - Emergency, Stand-by for Instructions
2 - Holdup and Robbery
3 - Murder and Manslaughter
4 - Assault and Battery
5 - Breaking & Entering, Burglary, Larceny
6 - Escape from Jail or Custody
7 - Disorderly, Drunk or Family Trouble
8 - Use Caution, Be Prepared
9 - Civil Disturbance, Strike etc.
11 - Auto Accident Investigation
12 - Hit & Run (at scene of accident)
13 - Want Assistance- Ambulance, Wrecker
14 - Drunken Driving
15 - Want Lookup on Drivers Lic. & Reg.
16 - Stolen and Wanted Check
17 - Car Proceeding on Patrol
18 - Stolen Car
19 - Escort
20 - Endeavor to locate Cycle, Car or Truck
21 - Test
22 - Car out of Service or personnel can be reached by phone
23 - Car in Service after Signal 22
24 - Detail Completed, Returning to Station
25 - Detail Completed, Continuing Patrol
26 - Meet Car, Officer or Complainant
27 - Need Assistance
28 - What is Your Location
29 - Call Station by Phone
30 - Return to Station

OCEAN COUNTY SHERIFF'S DEPARTMENT

OFFICIAL TEN SIGNAL LIST

10-0 -- Official present
10-1 -- Standby @ --- for phone call
10-2 -- Call --- by phone
10-3 -- Report to hdqts.
10-4 -- Acknowledgment (OK)
10-5 -- Repeat
10-6 -- Standby unless urgent
10-7 -- Out of service
10-8 -- In service
10-9 -- Arrived (out) on call
10-10 -- Assignment completed
10-11 -- Prepare to copy
10-12 -- Record check
10-13 -- Look up
10-14 -- Assist motorist
10-15 -- Accident - 10-15A F.A. needed
10-16 -- Hit and Run
10-17 -- Wrecker needed
10-18 -- First aid
10-19 -- Fire call
10-20 -- Location
10-21 -- Abandon car
10-22 -- Stolen car
10-23 -- Check Suspicious car
10-24 -- Intoxicated (driver or person)
10-25 -- Escort
10-26 -- Alarm sounding at ?
10-27 -- Meet for official business
10-28 -- Murder
10-29 -- D.O.A.
10-30 -- A.A.&B.
10-31 -- Domestic
10-32 -- Disorderly
10-33 -- Sex crime
10-34 -- Fight
10-35 -- Check suspicious person
10-36 -- Vandalism
10-37 -- Mental case
10-38 -- Holdup and Robbery
10-39 -- Larceny
10-40 -- Breaking & Entering
10-41 -- Prisoner/Subject
10-42 -- Explosive threat
10-43 -- Riot - Disturbance
10-44 -- Message for me
10-45 -- No message for you
10-46 -- Officer on duty at home
10-47 -- Subject armed with ----------
10-48 -- Officer in trouble (all units respond
10-49 -- Urgent
10-50 -- Use caution
10-51 -- Suicide
10-52 -- Report to chief
10-53 -- Testing
10-54 -- Wires or trees down
10-55 -- Missing person
10-56 -- Runaway person
10-57 -- Stolen property
10-58 -- Wanted
10-59 -- Wanted for taking car w/o consent
10-60 -- Cancel
10-61 -- Police Information
10-62 -- Dog bite
10-63 -- Animal struck by vehicle
10-64 -- Officer Requested
10-65 -- M. V. Stop
10-66 --
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10-77 --
10-78 --
10-79 --
10-80 --
10-81 --
10-82 -- ravelers
10-83 -- Vic's
10-84 --
10-85 -- Garage
10-86 -- Shop-Rite
10-87 -- SOCH
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PUBLIC SAFETY - WEST

Send Public Safety and Special Emergency frequencies, radio system details, and questions for Alaska, Arizona, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming to: George Hoggatt, 17473 E. 16th Drive, Aurora, CO 80011.

Welcome to 1982. It doesn't seem like it has been a year that I have been writing this column. Contributions this month are adequate. Keep it comming.

PORTLAND, OREGON POLICE RADIO CALL NUMBERS Stan Hintz (OR-019)

Stan, one of the regular contributors, has managed to get permission for RCMA to reprint this copyright list of call numbers. Remember this list is copyrighted and MUST NOT be reproduced in any way.

Also, Stan passes along the information that by now, the Portland City Fire and Multnoma County fire dispatch operations should be combined and operating. The combined City/County tone out dispatch frequency (base only no mobiles) is Multnoma County Fire F-1 154.430.

The new list from Police and Fire Frequency Listing will be out inNoverber or a couple of months before you read this.

PORTLAND POLICE RADIO CALL NUMBERS

1 - 9	HORSE PATROL (WINTER MONTHS - THREE DIGIT NUMBER BEGINNIG WITH 8 & ENDING WITH 7)
10	COMMANDER, INTELLIGENCE DIVISION
50	SERGEANT, SERT/INTELLIGENCE
51 - 59	SERT UNITS
60	SERGEANT, INTELLIGENCE
61 - 64	INTELLIGENCE UNITS
65	EDU COMMANDER
70	D.P. COMMANDING OFFICER
71 - 89	D.P. SECURITY
90	COMMANDER CRIME PREVENTION
91	SERGEANT, CRIME PREVENTION
92 - 94	CRIME PREVENTION UNIT
95	POLICE TOW TRUCK
96	EMANUEL LIFE FLIGHT HELICOPTER
97 - 99	PATROL WAGON
100	CHIEF OF POLICE
101	DEPUTY CHIEF, PATROL BRANCH
102	DEPUTY CHIEF, INVESTIGATIONS BRANCH
103	DEPUTY CHIEF, SERVICES BRANCH
104	INSPECTOR, OFFICE OF INSPECTIONS
105	CAPTAIN, NIGHT COMMANDER
106	LIEUTENANT, INSPECTIONS DIVISION
107	DIRECTOR, OFFICER OF TECHNICAL SUPPORT
108	COMMANDING OFFICER, POLICE OPERATIONS CENTER
109	MOBILE COMMAND POST
110	MAYOR
111	PUBLIC INFORMATION OFFICER
112	CHAPLAIN
113	LEGAL ADVISOR
114	LIEUTENANT, PATROL BRANCH
115	CAPTAIN, PERSONNEL DIVISION
116	LIEUTENANT, INTERNAL AFFAIRS
117 - 119	SERGEANTS, INTERNAL AFFAIRS
120	CAPTAIN, S.I.D.
121 - 124	VICE UNITS
125	SERGEANT, VICE
126	VICE UNITS
127 - 139	S.I.D. DETECTIVES AND SERGEANTS
140	CHIEF SPECIAL INVESTIGATOR (SCHOOL)
140-A	OFFICE, CHIEF SPECIAL INVESTIGATOR (SCHOOL)
141	ASSISTANT CHIEF INVESTIGATOR (SCHOOL)
142	NIGHT COMMANDING OFFICER (SCHOOL)
143	SPECIAL INVESTIGATOR (SCHOOL)
144	ASSISTANT SPECIAL INVESTIGATOR (SCHOOL)
145 - 147	PATROL UNITS (SCHOOL)
148	LIEUTENANT, PLANNING & RESEARCH DIVISION
149	SERGEANT, PLANNING & RESEARCH DIVISION
150	CAPTAIN, TRAINING DIVISION
151	LIEUTENANT, FIELD TRAINING COORDINATOR
152	LIEUTENANT, CAREER COUNSELOR
153 - 154	TRAINING DIVISION
155	DIRECTOR, COMMUNICATIONS (KELLY BUTTE)
156	COMMUNICATIONS PERSONNEL (KELLY BUTTE)
161	PERSONNEL DIVISION
163	MULT. CO. DEPT. OF PUB. SAFETY, EMERGENCY TRUCK
164	PARKING PATROL (TRAFFIC ENGINEER)
165	OREGON STATE POLICE
166	ARSON DETAIL, FIRE BUREAU
167	PORT OF PORTLAND POLICE
168	ADT
169 - 175	MARINE DIVISION, FIRE BUREAU
176 - 179	TRI-MET TRANSIT DISTRICT POLICE
180	LIEUTENANT, RECORDS DIVISION
181 - 184	RESERVED FOR RECORDS DIVISION
185	RECORDS DIVISION, MAIL WAGON
186	BICYCLE TRUCK
190	SERGEANT, DETECTIVES
191 - 199	DETECTIVES
200	COMMANDING OFFICER, DETECTIVE DIVISION
201	LIEUTENANT, PERSONS CRIMES
202	LIEUTENANT, PROPERTY CRIMES
203	LIEUTENANT, "A" AND "N" RELIEF COMMANDER
204	POLYGRAPH DETECTIVE
205	DETECTIVE DIVISION OPERATIONS COORDINATOR
206	MISSING PERSONS DETECTIVE
207	ALARM DETECTIVE
208	ALARM DETECTIVE
209	ARSON DETAIL DETECTIVE
210	SERGEANT, HOMICIDE DETAIL
211 - 219	DETECTIVES, HOMICIDE DETAIL
220	SERGEANT, ROBBERY DETAIL

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221 - 229 DETECTIVES, ROBBERY DETAIL
230 SERGEANT, BURGLARY DETAIL
231 - 239 DETECTIVES, BURGLARY DETAIL
240 SERGEANT, BURGLARY DETAIL
241 - 249 DETECTIVES, BURGLARY DETAIL
250 SERGEANT, FRAUD DETAIL
251 - 259 DETECTIVES, FRAUD DETAIL
260 SERGEANT, AUTO THEFT DETAIL
261 - 269 DETECTIVES, AUTO THEFT DETAIL
270 SERGEANT, JUVENILE FELONY DETAIL
271 - 279 DETECTIVES, JUVENILE FELONY DETAIL
280 SERGEANT, SEX CRIMES DETAIL
281 - 286 DETECTIVES, SEX CRIMES DETAIL
287 - 289 DETECTIVES, PAWN SHOP DETAIL
290 SERGEANT, NIGHT RELIEF
291 - 296 DETECTIVES, NIGHT RELIEF
297 - 299 SPECIAL DETAILS/ASSIGNMENTS
300 COMMANDING OFFICER, TRAFFIC DIVISION
301 MORNING RELIEF COMMANDER, TRAFFIC DIVISION
302 AFTERNOON RELIEF COMMANDER, TRAFFIC DICISION
303 - 311 SERGEANT, TRAFFIC DIVISION
312 - 318 HIT AND RUN DETAIL
319 P.U.C. OFFICER
320 - 399 PATROL AND MOTORCYCLES, TRAFFIC DIVISION
339 & 359 SAFETY EDUCATION
370 - 399 RESERVED FOR TRAFFIC DIVISION
400 - 419 SHERIFF'S UNITS (WHEN PATROLLING PPB DISTRICTS.)
420 LIEUTENANT, CRIMINALISTICS DIVISION
421 - 429 CRIMINALISTICS DIVISION
430 LIEUTENANT, PORTLAND REGIONAL CRIME LAB (OSP)
431 - 432 CRIME SCENE UNIT, PORTLAND REGIONAL CRIME LAB (OSP)
440 CAPTAIN, JUVENILE DIVISION
441 LIEUTENANT, JUVENILE DIVISION
442 - 443 SERGEANT, JUVENILE DIVISION
444 - 455 JUVENILE DIVISION
456 YOUTH DIVERSION LIAISON
457 - 475 JUVENILE DIVISION
479 RESERVE COORDINATOR
480 COMMANDER, POLICE RESERVE
481 - 484 POLICE RESERVE
487 - 489 TECHNICAL SERVICES
490 DIRECTOR, BUREAU OF ELECTRONIC SERVICES
491 - 494 RADIO SHOP TECHNICIANS
500 COMMANDING OFFICER, NORTH PRECINCT
501 MORNING RELIEF COMMANDER, NORTH PRECINCT
502 AFTERNOON RELIEF COMMANDER, NORTH PRECINCT
503 NIGHT RELIEF COMMANDER, NORTH PRECINCT
506 - 519 SERGEANTS, NORTH PRECINCT
520 - 599 PATROL PERSONNEL, NORTH PRECINCT
600 COMMANDING OFFICER, EAST PRECINCT
601 MORNING RELIEF COMMANDER, EAST PRECINCT
602 AFTERNOON RELIEF COMMANDER, EAST PRECINCT
603 NIGHT RELIEF COMMANDER, EAST PRECINCT
606 - 619 SERGEANT, EAST PRECINCT
620 - 759 PATROL PERSONNEL, EAST PRECINCT
761 AUXILLARY PATROL
771 - 773 CRIME ANALYST/CRIME PREVENTION
799 SHOP UNIT
800 COMMANDING OFFICER, CENTRAL PRECINCT
801 MORNING RELIEF COMMANDER, CENTRAL PRECINCT
802 AFTERNOON RELIEF COMMANDER, CENTRAL PRECINCT
803 NIGHT RELIEF COMMANDER, CENTRAL PRECINCT
806 - 819 SERGEANT, CENTRAL PRECINCT
820 - 899 PATROL PERSONNEL, CENTRAL PRECINCT
866 CITY HALL OFFICER
900 - 995 JUSTICE DEPARTMENT UNITS
1000 RESERVED
1001 COMMISSIONER OF PUBLIC SAFETY
1002 COMMISSIONER PUBLIC UTILITIES
1003 COMMISSIONER PUBLIC WORKS
1004 COMMISSIONER PUBLIC AFFAIRS

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FREQUENCY LISTING

STATE OF WYOMING from Michael Scheel (IA-011)

The following was heard during two trips to Wyoming this year.

Wyoming State Highway Patrol	Ch.1	155.445	154.680	PP RP	Dispatch
	2		155.445	PP MO	Car to Car
	3				
	4	154.875	154.875	PP BM	Mutual Aid
Highway Maint.	1	156.105		PH RP	Dispatch
Forestery ,Dept of					
Fish & Game ,Dept of					
	1	151.160	151.430	PO RP	Dispatch
	?	151.295		PO	?

There seems to a repeater for each of the above departments at the following locations with call letters if known

Laramie(KWL586 155.445)
Cheyenne(KWL585 155.445)
Rawlins
Elk Mountain (KWL374 156.105)
Casper
Rock Springs (KOJ589 156.105)

It is assumed the the rest of state might follow the same plan.

Albany County, City of Laramie

All Police	1.	155.250	155.730	PP RP	Dispatch
	2		155.250	PP MO	car to car
	3	154.800	154.800	PP BM	Rock River PD
	4	154.875	154.875	PP BM	Mutual Aid
Laramie Fire Dept.		154.055	153.755	PL RP	
Universty of Wyoming					
		155.820	158.745	PL RP	Maint
		155.550	155.550	PP BM	Security

Carbon County, City of Rawlins

All Police	1	155.520	154.650	PP RP	Sheriff
	2		155.520	PP MO	car to car
	3	154.800	154.800	PP BM	Rawlins PD,Medicine Bow PD
	4	154.875	154.875	PP BM	Mutual Aid
		155.070	155.070	PP BM	Rawlins PD secondary
Rawlins Fire Dept		155.025		PL RP	
Rawlins Water & Public Works					
		155.805		PL RP	

Sweetwater County , City of Rock Springs, City of Green River					
All Police	1	155.415	154.950	PP RP	Sheriff
	2		155.415	PP MO	car to car
	3	154.800	154.800	PP BM	Rock Springs PD
	4	154.875	154.875	PP BM	Mutual Aid
	5	155.190	155.190	PP BM	Green River PD
Rock Springs		155.085	155.085	PL BM	Airport
		154.040	154.040	PL BM	Fire Dept
		155.355	155.355	PS BM	Hospital-EMS
		152.0075		PS BA	Hospital paging
Green River		154.055	154.055	PL BM	Fire Dept
		155.265	155.265	PS BM	Hospital

Well that's it for another month. Not a real biggy, but some good information. So long for now.

PUBLIC SAFETY - CALIFORNIA

Send Public Safety and Special Emergency frequencies, radio system details, and questions for California to: Eric Christensen (CA–LA–045), 3146 W. Ball Road, Apt. 35, Anaheim, CA 92804.

From ERIC (CA-LA-045) and MIKE (ID-001):

Welcome to the January 1982 issue of RCMA Public Safety-Calif! Can you believe I just typed 1982, and as I type this it is Nov. 3, 1981.
We still get lots of requests for a filter to block out intermod on low band, especially 42.40 in Orange County, Calif. The main problem is that a local FM rock radio music station comes in perfectly on the local Highway Patrol frequency. Example: 42.40 + 42.40 MHz (CHP) + 10.7 MHz (IF frequency for most scanners including Regency, Realistic, Pace, etc.)= 95.50 MHz (FM Broadcast band). The filter is available through B & B Sales, 16390 Jupiter Circle, Westminster, CA 92683. Ph# 714 842-0214. The filter is available also from scanner stores in various areas for $14.95.

H A P P Y N E W Y E A R *

NEWSFLASH!

Our intelligence gathering network indicates to us that the Bearcat 100 has been seen frequenting the San Francisco Bay area. When do I get my complimentary unit?

Last minute additions (just before print time):

The Bearcat 100 finally arrived in Orange County, California on Thursday morning, November 4, 1981. An interesting, to say the least, little radio.

A note from an Orange County member, Don HAWKINS: Activity WAS heard on the "former" Orange County area CDF frequency of 151.325 MHz.

Both CDF and Orange County Fire Department were dispatched "almost simultaneously" to a brush fire in the Silverado area. Strange- maybe the frequency isn't dead as we had thought, afterall? I'm putting this one back into my Bearcat 250, (Ed.). ANY COMMENTS?! P.S.: This brush fire was last weekend (Oct 31 to Nov 2, 1981).

Don't forget to check out the CORRECTED listing of 470 MHz frequencies for the Los Angeles County Sheriff-elsewhere in this issue.

Per San Jose area member, CHUCK (CA-SC-) the San Jose office of the California Highway Patrol has begun using the portable extender radios as of Tuesday, November 2, 1981. Can anyone else confirm any other useage Statewide? New CHP patrol cars are showing up with the VHF High Band antennas installed. Frequencies to be: Freq. 1: 154.905 S (mobile repeater frequency), Freq. 2: 154.92 S CLEMARS Look for an excellent article in next month's RCMA Newsletter on Mobile Repeaters, reprinted from the APCO Bulletin.

And now, on to our column!

From LARRY (CA-SA-003): Sacramento County Sheriff channels-

Ch. 1	453.90	North Area Patrol	(KMJ500)
Ch. 2	453.25	Detective and Records	(KMJ500)
Ch. 3	453.575	South Area Patrol	(KGK536)
Ch. 4	453.675	Data (Mobile Comm. Terminals/8 lines or 32 characters)	
Ch. 5	453.475	Tactical (Simplex)	(KF6904)
Ch. 6	453.95	Airports and jail (Low power repeaters)	(KJI354)

The American River is the dividing line for North and South patrols. Mt. Vaca and Carpenter Peak are repeater sites.

From CAPIAS (NV-009): Ten codes for Sacramento City Fire Dept; Most are standard with the following exceptions.

3-3	No Chief needed	10-18	Complete assign. ASAP
3-4	Chief needed	10-24	Request fire inspector
3-5	Balance of assignment	10-25	Request further info
6	Call for manpower only	10-32	Time of alarm
6-6	Additional company needed	10-40	Maintain radio silence
8-1	False alarm	10-50	Accident at ____
8-2	Shut off	10-50A	Accident w/Fire unit involved
909	Need police	10-51	Ambulance needed
909-H	Need CHP	10-53	Man down or injured
909-T	Need traffic control	10-53A	F.D. member down
909-X	Imminent danger	10-55	Coroner's case
10-0	Request radio check	10-62	Meet the citizen

Placer County Sheriff-Coroners radio codes, also used by Roseville P.D. Most are standard except the following;

10-12	Can't transmit due to persons present	11-14	Check suspicious car/person
10-24	Lost child	11-15	Building check?
10-25	Stand by to copy info	11-17	Wires down
10-26	Ready to copy	11-43	Doctor required, Code__
10-32	Set up roadblock	11-45	Major disaster
10-35	Back up requested	11-46	Attempted suicide
10-31	Routine traffic stop	11-47	Injured person
11-8	Person down	11-68	Citizen arrest
11-9	Prowler	11-70	Drowning
11-10	Take a report	Code 6	Dewitt Hospital
11-12	Loose stock	Code 9	Robbery alarm at ____
11-13	Injured animal	Code 10	Bomb threat

From David (CA-SF-???): Unit numbering systems for San Francisco P.D. SFPD is divided into 9 districts, each having a Captain in

charge of their individual station. All patrol units are "3".

Stations	
3A Central	3 (stn. #) 300 Captain
3B Southern	3 (") 200 Lieutenant
3C Southeast	3 (") 100-105 Sgt.
3D Mission	3 (") 40-54 Beats (foot)
3E Northern	3 (") 30-32 Wagons
3F Park	3 (") 1-28 Patrol cars
3G Richmond	3T(Tom) units are the Tactical division
3H Ingleside	1-99 Officers, 100's Sgts., 200 LTS,
3I Taraval	300 Captian. Dogs, small motorcycles,
	horses and other elite units.

Others that transmit are all "4" units and are traffic units, eg.:
4B 10-99 are traffic motorcycles
4B 100's are motorcycle Sgts. (All 4B200s and 300s)
4C are traffic accident investigators
4E Traffic directors
4F and 4G are Meter Maids

All 5 units are Inspectors:
5H Homocide units
5N Narcotics
5V Vice
5S "S" Squad (special investigators)

All "1' units are administrative:
1X 500 Chief
1M 600 Mayor
1N Intelligence
1Z Housing Police (Housing Authority, but use SFPD freqs.)
1H 80-89 Ambulance (155.22MHZ)

All "2" units are support services:
2E 22 is the Police Tow Truck

From GENE(CA-SN-004)H. SAWYER JR. of 20 Rainsville Rd., Petaluma, Calif. 94952. He provides the following North Bay area freqs, and would like to correspond with anyone in the Sonoma Co. area to swap freqs.

45.98 Sonoma Co. Sheriff Main Ch. 1
45.82 Sonoma Co. Sheriff Records search Ch. 2
45.74 Sonoma Co. Sheriff Car to car Ch. 3
39.88 Sonoma Co. Sheriff Coast Repeater (Repeats Ch. 1 on coast)
39.60 Sonoma Co. Sheriff Coast Repeater (Repeats Ch. 2 on coast)

460.375 Santa Rosa P.D. Ch. 1 Repeater
460.025 Santa Rosa P.D. Ch. 2 Repeater
460.05 Santa Rosa P.D. Ch. 3 Repeater

155.43 Napa Co. Sheriff Repeater
155.49 Solano Co. Sheriff Repeater
155.97 Lake Co. Sheriff Repeater
154.755 Mendocino Co. Sheriff Repeater
39.24 Marin Co. Sheriff Ch. 1
39.52 Marin Co. Sheriff Ch. 2

155.595 Petaluma P.D. Repeater Ch. 1 (154.785 input)
154.92 Petaluma P.D. CLEMARS Ch. 2
154.89 Cotati City P.D.

154.31 Sonoma Co. Fire Green
154.175 Sonoma Co. Fire Orange
154.28 Sonoma Co. Fire White
154.025 Petaluma City Fire
155.025 Lake Co. Fire Repeater
154.415 Napa Co. Fire Repeater
154.145 Santa Rosa City Fire Repeater

155.100 Sonoma Co. Fire Rescue Repeater (155.835 input)

44.72 Sonoma Coast Park Rangers Repeater (45.04 input)
44.76 East Bay Regional Parks Repeater (44.96 input)
163.15 Golden Gate National Recreation Area Repeater (162.6125 input)
170.05 Point Reyes National Seashore Repeater (169.40 input)

153.74 Sonoma State University

154.68 California Dept. of Justice
488.5125 Bay Area Pollution Control
482.5375 Golden Gate Bus Co.
158.19 PG&E Petaluma and Santa Rosa
153.755 Calif. OES
148.15 Civil Air Patrol
161.55 Northwestern Pacific Railroad

45.50 El Dorado County Sheriff Repeater
45.60 Amador County Sheriff Repeater
45.32 Calaveras County Sheriff Repeater
45.42 Tuolumne County Sheriff Repeater

168.75 USFS Stanislaus N.F.
171.525 USFS El Dorado N.F.
172.65 Yosemite National Park
169.175 USFS Mendocino N.F.
171.40 USFS Sierra N.F.
168.775 USFS Intersystem
Gene states he does have other freqs. and codes peculiar to his area if anyone would like to write him.

From MILTON (CA-SD-025) sends a few articles from newspapers:
San Diego SWAT team members will work at least three members to a shift, carrying their weapons and military-type gear in their cars. When a call goes out for a SWAT unit, they can go directly to the scene without stopping to collect their rifles, heavy body armor and incapacitating chemical agents. The dept. has 60 SWAT trained officers.

San Diego Police Dept. received a total of 1,057,972 calls at their communications center in fiscal 1981. A new telephone system goes into effect next year (1982).

San Diego Fire Dept. 10-code has been phased out, to be replaced by just plain English. It was becoming impossible to understand each other because the 10-codes were being corrupted by CB radio talk when they were involved in mutual-aid situations.

From RENE (CA-SC-018) advises that San Jose P.D. has a Ch. 3, 460.425, which covers the East Side-Evergreen. He also sent a San Jose District map which hopefully is with this issue. The 460.425 was left out of the Oct. 1981 column.
Rene purchased a J.I.L SX-200 and the sensitivity is better than the Bearcat 250 and covers 26-88mhz, 108-180mhz, and 380-514mhz in both AM and FM. It has a sliding variable fine tuning feature that enables you to fine tune any frequency between the normal 5 or 12.5khz increments.
He would like to know if any Sacramento area members can help identify 72.975mhz FM, which sounds like an input to an RCC uplink. He hears business firms with four digit ID'S asking Sacto. for a phone no.

Rene has sent this listing of 482.3125 thru 483.3125 mhz Public Safety Frequencies for his area.

482.3125 San Mateo Co. Medevac Dispatch (Red) Car to Car (Yellow)
482.3375 PD Sunnyvale, CHP, Campbell, Los Gatos, Milpitas, Santa Clara Co. Sheriff, and Los Altos (local gov't)
482.3625 Union City PD
482.3875 Golden Gate Bridge Authority (G.G.B.A.)
482.4125 Sunnyvale PD Mobile/Base Computer Data Link (Non voice) Digital
482.4375 Newark (Contra Costa Transit District-ACCTD)

482.4625 Campbell PD, Fairfield PD
482.4875 Hayward PD, Napa (local gov't)
482.5125 Mountain View PD Ch. 1
482.5375 G.G.B.A.
482.5625 Cupertino (local gov't)
482.5875 G.G.B.A.
482.6125 Palo Alto PD Ch. 1
482.6375 Fremont, Hayward, Newark, and Union City PD's
482.6625 Not in use (Police Call shows Union City PD; ed.)
482.6875 G.G.B.A.
482.7125 Sunnyvale Fire Dept.
482.7375 G.G.B.A.
482.7625 San Mateo Co. Medevac Ambulance to Hospital (Blue)
482.7875 Mountain View PD Ch. 2, Fairfield Fire and Kentfield Fire
482.8125 Palo Alto PD Ch. 2
482.8375 G.G.B.A.
482.8625 Milpitas PD CH. 1
482.8875 Emeryville-Newark ACCTD
482.9125 Los Gatos PD Ch. 1
482.9375 Union City (local gov't), Sausalito Fire Dept.
482.9625 Sunnyvale PD Ch. 1
482.9875 Vallejo Fire Dept.
483.0125 Milpitas PD
483.0375 Fremont PD
483.0625 Los Altos PD Ch. 1
483.0875 Fairfield PD, UC Berkeley Custodial Maintenance
483.1125 Hayward PD
483.1375 Fremont PD
483.1625 Sunnyvale PD Ch. 3, Fairfield Public Works
483.1875 San Mateo Co. Transit (SAMTRANS) Ch. 1
483.2125 Oakland, Port of (local gov't)
483.2375 SAMTRANS CH. 2
483.2625 SAMTRANS Ch. 3
483.2875 SAMTRANS Ch. 4
483.3125 Oakland (local gov't)

Here is a correction to last month's column which listed the L.A. County Sheriff 470mhz system incorrectly;

F1 470.6875
F2 470.9375
F3 470.7375
F4 470.7625
F5 470.8375
F6 470.8625
F7 470.8875
F8 470.9125
F9 470.7875 Monitored by Sheriff's Radio Center
F10 470.8125

This system is used primarily used by Detectives who can operate through a rp. or simplex. No dispatching is done on these 470 freqs.

San Francisco P.D. continued;

45.10	Low Band One	Park, Taraval Richmond
45.14	Low Band Two	Ingleside, Mission, Southeast
45.58	Low Band Three	Northern, Central, Southern
460.225	Zone One	F1 Ht's
460.125	Zone Two	F2 Ht's
460.500	Zone Three	F3 Ht's
45.46	Low Band Four	Traffic, Accidents
155.55	High Band Five	Narcotics, University Police
460.45	Citywide	All Point Bulletins
460.075	Citywide	Administrative
460.35	Citywide	Special Use

488.8125	Unknown use
45.30	Car to Car
155.73	Unknown use

From JIM (CA-RI-007) who is a Fire Captain Specialist for the CALIF. DEPT. OF FORESTRY assigned to the Indio Emergency Command Center has sent a writeup of the Riverside County area CDF.

CALIF. DEPT. OF FORESTRY

Riverside County contracts with the California Dept. of Forestry (CDF) for fire protection. The CDF is primarily a wildland fire protection agency with legal responsibility for protection of approx. 33 million acres of private and state lands in California. The Riverside Ranger Unit of the CDF (with headquarters in Perris) is one of 23 such Ranger Units in the state, operates nine stations and an air attack base, for the protection of 1,067,206 acres of wildland. These are vegetation covered watershed areas designated under law as state responsibility. This is generally private land outside of incorporated cities and federally owned land. During declared "Fire Season" the organized protection force is at maximum strength.

Riverside County was one of the first in California to endorse and support cooperative and integrated fire protection for the greatest efficiency and economy, authorizing funds to augment the state effort as early as 1906. Since 1921 the county has appointed the CDF Ranger in charge as County Fire Warden and appropriated county funds to improve the level of protection of an additional 413,000 acres of local responsibility wildland, and protect lives and structural property in unincorporated areas of the county, at a level of service desired by the county. In addition to augmenting the existing CDF system for year-round protection, the first county owned fire stations and engines were provided in 1946. Gradually as the county grew in population and structural development, the county authorized additional facilities and equipment, using a small nucleus of paid firefighters and organized volunteers, thus expanding the existing administrative and support positions already funded by the state. Today the County Fire Dept. is divided into two divisions; the Western Division consisting of the western portion of the county and the Eastern Division made up of the eastern portion, the boundary line dividing the divisions is the San Jacinto and Santa Rosa Mtn. ranges. Within the two divisions are 12 Battalions with a total of 68 fire stations, 47 of which are staffed with CDF personnel backed up by volunteer paid call firefighters, and 21 all volunteer fire stations. The County and State system is blended together to do the total job, and also includes contract agreement for fire protection for seven cities within the county: Beamont, Desert Hot Springs, Indian Wells, Lake Elsinore, Palm Desert, Rancho Mirage, and Cathedral City.

Presently there are two Emergency Command Centers in operation, one in Perris and the other in Indio. The Perris ECC provides dispatching for the western portion of the county and also is back up for the Indio ECC. Indio dispatches the eastern portion of the county and also provides dispatching for Palo Verde Fire Dept. in Imperial County south of Blythe, and for San Bernardino County Fire Stations in Big River and Parker Dam north of Blythe.

There is construction underway now to consolidate the two Emergency Command Centers into one in Perris to handle dispatching for the entire county from one center, with completion in 18 months.

Radio Frequencies Assigned

Perris ECC

Primary -	151.385	Local west "PERRIS" KVZ63
	151.175	Local east
	151.265	CDF Region Net
	151.355	CDF State Net
	154.28	White net "PERRIS" KE0271
	154.145	County Fire Net 1
	168.625	Air Dispatch Net (U.S. Forest Service)

155.295 County Med Net
154.16 OES 1
154.22 OES 2

Indio ECC

Primary - 151.175 Local east "INDIO" KVY45
151.385 Local west
154.13 County Fire Net 3 "Riverside County" KRT864
154.28 White Net
155.205 Springs Ambulance "County Fire" WZU402
155.295 County Med Net

Western Division Battalions and station location

Perris Battalion # 1
1 Perris headquarters
3 Nuview
4 Cajalco
5 Quail Valley
7 Sun City
9 Goodmeadow *
59 Mead Valley *
60 Canyon Lake *
64 Juniper Flats *
65 Gavilan Hills *
68 Menifee *

Elsinore Battalion # 2
10 Elsinore
11 Lakeland Village
12 Rancho Calif./Temecula
51 El Cariso *
61 Wildomar *
62 Rancho Carrillo *

Box Springs Battalion # 9
2 Sunnymead
6 Edgemont
8 Woodcrest
19 Highgrove
58 Moreno *

Beaumont Battalion # 3
20 Beaumont
21 Calimesa
22 Cherry Valley
24 Cabazon *
63 Poppet Flats *
66 Beaumont *

Corona Battalion # 4
13 Home Gardens *
14 Corona
15 El Cerrito
16 Pedley
17 Glen Avon
18 West Riverside

San Jacinto Battalion # 5
25 San Jacinto
26 Little Lake
27 Ryan Field
28 Sage
52 Cottonwood *
54 Homeland *

Mountain Battalion # 11
23 Pine Cove
29 Anza
30 Pinyon
53 Garner Valley *

* All Volunteer Stations

Eastern Division Battalions and Stations

Cove Communities Battalion # 6
33 Palm Desert
34 Cathedral City
50 Rancho Mirage
67 Mesa View (So. Palm Desert)

Indio Battalion # 7
39 Thermal
40 Mecca
41 North Shore
42 Oasis

Indian Wells Battalion # 7
31 Bermuda Dunes
32 La Quinta
38 Indio
55 Indian Wells

Blythe Battalion # 8
43 Blythe
44 Ripley
45 Blyth Air Base
46 Riverbend *
47 Lost Lake *
48 Eagle Mountain *
49 Lake Tamarisk

Desert Hot Springs Battalion # 10
35 Thousand Palms
36 North Palm Springs
37 Desert Hot Springs
56 Sky Valley *
57 Indio Hills *

* All Volunteer Station

Riverside County Desert Area City Fire .Departments

Palm Springs City Fire Dept. Freq. A 154.355 KUU369
Freq. B 154.28
Fire Station #1 277 North Indian Avenue Squad 1, Engine 121

Fire Station #2 Headquarters, Tahquitz-McCallum/El Cielo Rd.
Palm Springs Airport
Squad 2, Engine 132
Crash Fire Rescue Units 151, 152, 153; and may transmit and receive on 121.90 and 119.70
Fire Station #3 590 East Racquet Club Rescue 3, Engine 123, R Engine 129
Fire Station #4 La Verne and Marion Way Rescue 4, Engine 124
Fire Station #5 Bolero and Highway 111 Rescue 5
Administrative 100 Fire Chief, 101 Batt Chiefs, 102 Batt Chiefs, 103 Tactical Fire Officer (TFO), 108 Fire Prevention.

Indio City Fire Department Freq. 1 154.13 WQ0769
Freq. 2 154.28
Fire Station #1 Headquarters Ave. 47 and Jackson St.
Engine 1, Squad 1, Engine 11 reserve
Fire Station #2 43-715 North Jackson Engine 2
Fire Station #3 Madison St. n/of Hwy 111 Engine 3, Ladder 3, Tanker
Administrative Units 700 Fire Chief; 703 Asst. Chief; 710 Fire Marshall, 711 Fire Inspector, 712 Training Officer; 721 Station # 1 Captain; 722 Station # 2 Captain; 723 Station # 3 Captain.

Coachella City Fire Department Freq. 1 154.13 KDG856
Freq. 2 154.28
Fire Station #1 6th St. and Palm Squad engine 850, engine 860, Tanker 840, 821 pick up utility unit
Administrative Units 800 Fire Chief; 801, 802, 810 Captains; 805 Prevention

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From WALT (CA-OR-129): During a major airplane crash at John Wayne Airport in Orange Co. Calif., the tower was closed. No radio traffic could be found on AM aircraft frequencies. He never heard anything on the freqs. that are listed in Police Call for FAA and NTSB Aircraft crash investigation, even though they were there with radios. The most active freq. was 46.38, "Tac 5", Orange Co. Fire Dept. 153.92, Orange Co. Local Gov't., 460.15, simplex for Orange Co. Sheriff's Dept., and 460.50, Repeater for Orange Co. Sheriff's Dept. were active also.

From NEAL (CA-LA-385); L.A. County Flood Control uses the following: 44.96--Hansen Dam Operations; Mobile and point to point. 159.405--Paging. 44.96 is very active during moderate to heavy rains. (44.84 is used also, ed.)
L.A. Co. Housing Authority and Animal Regulations use 453.25.
L.A. Street Maintenance is on 33.02 (Valley) and 33.06 (Downtown).
Traffic Signal Repair is on 453.400.
Neal would like to know how Vernon Police Dept. uses 154.755, 155.64, 155.37, and 154.95, and how a town of only 200 has so many freqs. Their main Police channel is 45.58.
Can anyone help out by giving us the frequency for the Ventura County Harbor Patrol?

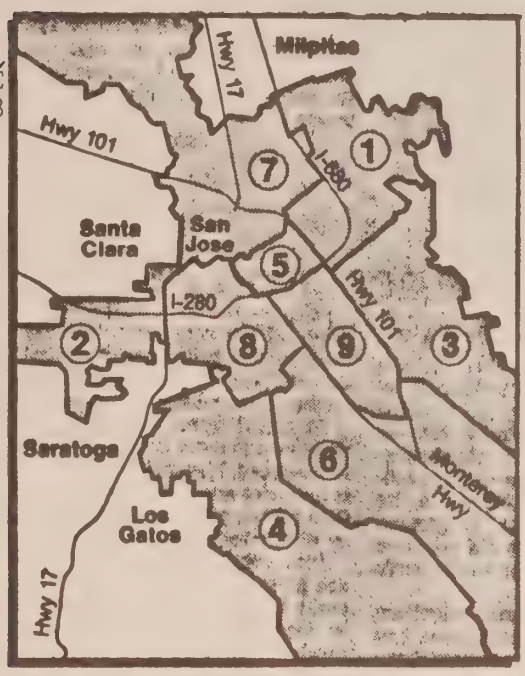
Santa Clarita Valley freqs., original source unknown:
44.96 Flood Control
33.16 Newhall Ambulance
33.10 Hart High School Bus system
507.6625 Landmark Patrol
163.435 Army Corps of Engineers
153.41 F1 So. Calif. Gas Ventura Base
153.515 F2 So. Calif. Gas
158.13 Electric Co.
35.92 Valley Towing Comp.

From ERIC (CA-LA-045): Saddleback Community College Police Dept. Radio System as of April 1981 at Mission Viejo and Irvine Campus;
154.815 South Campus/Mission Viejo Tx/Rx Simplex
154.515 North Campus/Irvine Tx Remote Base Station Via Landline
154.815 North Campus/Irvine Rx Remote Base Station Via Landline

A few copies of the 8½ X 11 inches CHP reprint are still available to those who missed the CHP listing in late 1980. This includes a map and costs $3.00 to cover copying and postage. Send requests to Public Safety Calif. Editor.

POLICE DEPARTMENT
City of San Jose

From RENÉ
CA-SC-018



MHz

San Jose Police Districts

460.200 — 1 EAST SIDE-BERRYESSA: East of Bayshore Highway, north of Story Road to Mabury Road-Landess Avenue.

460.325 — 2 WEST SIDE: West of Highway 17 to Saratoga town line.

460.425 — 3 EAST SIDE-EVERGREEN: East of Bayshore Highway, south of Story Road, past The Villages.

460.475 — 4 SOUTHWEST: West of Almaden Expressway, south of Hamilton Avenue-Koch Lane.

460.100 — 5 DOWNTOWN-EAST: South of Washington Street, west of Bayshore Highway, north of Highway 680, east of Locust Street.

460.475 — 6 SOUTH: South of Curtner Avenue, west of Monterey Road, east of Almaden Expressway, north of Morgan Hill.

460.200 — 7 NORTH: North of Washington Street-Mabury Road, east of Santa Clara line, south of Alviso, west of Highway 680.

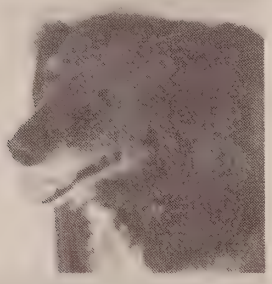
460.325 — 8 DOWNTOWN-WEST: West of Locust Street-Monterey Road, north of Koch Lane-Curtner Avenue, east of Bookain Avenue-Highway 17, south of Hedding Street-Taylor Street.

460.100 — 9 SOUTHEAST: South of Highway 680, west of Bayshore Highway, north of Branham Lane-Monterey Road, east of Monterey Road.

See you all next month!

photo department

Send photographs of custom monitor listening posts, unusual or extensive monitor or two-way antenna systems, user station consoles (PD, Fire, Paramedics, etc.) or other monitor/two-way related equipment of interest, Photographs must be 3' by 5' inches or larger, black and white with good contrast, sharply focused and attractively composed. Each photo must be accompanied by details and explanations of equipment. Photos will not be returned. If you have questions, write first and please include an SASE. Send photos or write to: Mike Redman, P.O. Box 1177, St. Charles, MO 63301.



And to start off the new year we have the installation of Jim Broadbent. In the top photo we see Jim's dog Delcie taking in some of the action from the Bearcat 220. Setting the unit in the window should improve reception for those of you who do not have roof antennae. I am curious as to how the bottle of brew improves sensitivity or selectivity. Probably does more for the listener than the radio. Nonetheless, we'll move on to the lower photo. This is Jim's monitoring station. Atop the Bearcat 220 is a Capri pre-amp. Next to that is a cassette recorder connected to the 220 for automatic operation. On the right is a Regency K500. On the roof are two Winn-tenna Discone antennae- the Disco 40 model. Jim monitors a variety of channels, and when a major crime takes place, mix-ups often occur between departments and details can often be lost. That's when Jim makes contact with the departments by phone to assist them with the facts via the monitors. An interesting aspect of Jim's station is the mounting of the maps. Those of you that have an attic or second floor monitoring location may use that wasted slanted wall space for your maps. When seated at the desk area, they provide ready reference at the ideal angle for quick viewing. Also, the second floor location puts you closer to the antenna with less loss from long lenghts of leadin wire. Yes, this is a unique installation. Thanks, Jim for sharing it with us. Now it's time for the rest of you to get out the camera, get a roll of black and white film, and send in your station photos. Maybe we can get photos of the new club officer staff for a future photo column. Just be sure to send in black and white photos, preferably in 5 x 7 inch size. See you next month with another set of exciting member station photographs.

VHF Marine

Rod O'Connor, Editor

Send information, articles, frequencies and how they are used, and questions that relate to private, commercial, and Coast Guard VHF maritime and inland waterways radio communications to: Rod O'Connor, USCG Group, 259 High Street, South Portland, Maine 04106.

Marine Information Broadcasts, Part III

Gulf Coast

Key West, Florida (NOK) USCG times: 1200 and 2200 (Z)	157.1 mhz	Notices to Mariners and weather info.
St. Petersburg, Florida NMA-21 USCG times: 1300, 2300 Z	157.1 mhz	Notices to Mariners and weather info.
Panama City Fla. (NOQ-7) USCG times: 1035, 1635, and 2235Z	157.1 mhz	Notices to Mariners and weather info.
New Orleans, LA (NMG-2) USCG times: 1050, 1650, 2250 Z	157.1 mhz	Notices to Mariners and weather info.
Mobile, Alabama (NOQ) USCG times: 1020,1220,1620,2220Z	157.1 mhz and 2670 khz	Notices to Mariners and weather info.
Berwick, Louisiana (NMG-37)USCG times: 1000, 1600, 2200Z	157.1 mhz	Notices to Mariners and weather info.
Galveston, Texas (NOY) USCG times: 1050,1250,1650,2250Z	157.1 mhz and 2670 khz	Notices to Mariners and weather info. (Gulf of Mex. regional weather on 2670)
Port Isabel, Texas (NCH) USCG times: 1045, 1645, 2245Z	157.1 mhz	Notices to Mariners and weather info.
Grand Isle, Louisiana (NMG-15) USCG times: 1035, 1635, 2235Z	157.1 mhz	Notices to Mariners and weather info.
Port Aransas, Texas (NOY-3) USCG times: 1040, 1640, 2240	157.1 mhz.	Notices to Mariners and weather info.

Coming next month: The west coast of the USA.

According to the October 10th edition of the American Waterways Operators Inc. newsletter, The F.C.C. has proposed rules that would allocate VHF Channel 11 (156.55 mhz.) exclusively to Vessel Traffic Service (VTS) in the Houston-Galveston, Texas area.

VHF Channel 11 is one of three frequencies made available for assignment in Coast Guard VTS areas. Presently, VHF Channel 12 is assigned exclusively for VTS purposes around Houston-Galveston. Channel 11 is now a commercial channel on which there are eleven limited coast station licensees and associated ship stations. There is a large amount of local support in the area for making VHF Channel 11 available exclusively for VTS communications.

According to the F.C.C., if after comments have been received, indicating that Channel 11 is unacceptable, then VHF Channel 5, 156.25 mhz, may provide a viable alternative.

If any members are further interested in this proposal, I recommend they consult the October 14th, 1981 FEDERAL REGISTER for additional information. (Check with your local library to see if they receive the Federal Register)

I would be very interested in this development, and if any members in Texas learn of other information, I would appreciate details.

Also, I suggest reviewing my column in the December 1980 RCMA newsletter, where I went into some detail describing the Houston-Galveston Vessel Traffic Service.

As winter approaches, the amount of mail has taken a nose-dive, much as last year. I am open to other suggestions and ideas for this column over the next few months.

NEW MEMBERS LIST

AL 018 MEAHER, MRS AUGUSTINE III;P.O. BOX 2727;
MOBILE, AL 36652
AZ 041 WRITE, WILLIAM F JR;P.O. BOX 1897;
SIERRA VISTA, AZ 85635
CABU002 DEMING, GA7509 FEATHER FALLS SR;OROVILLE, CA 95965
CALA459 BARBADILLO, FRANCIS;P.O. BOX 84555;
LOS ANGELES, CA 90073
CALA460 MARCHER, STERLING R;15056 GREENWORTH DR;
LA MIRADA, CA 90638
CALA461 SHIMMIN, JOHN E;1006 BROADWAY;SAN GABRIEL, CA 91776
CALA462 DE WITT, VERONICA * ADDRESS WITHHELD BY REQUEST 90602
CALA463 LAMBERT, FRANK;5926 OLIVA AVE;LAKEWOOD, CA 90712
CAOR218 BURRELL, LLOYD;P.O.BOX 10693;SANTA ANA, CA 92711
CAOR219 FRITSCHE, ROBERT W;4224 DORSET DR;CYPRESS, CA 90630
CAOR220 JOHNSON, N CONNER;927 S WEBSTER #16;
ANAHEIM, CA 92804
CAOR221 KERR, PAUL;632 E GROVE AVE;ORANGE, CA 92665
CAOR222 RIVARD, DAVID L * ADDRESS WITHHELD BY REQUEST 92644
CAOR223 CARROLL, RICHARD;24371 AUGUSTIN;
MISSION VIEJO, CA 92691
CARI042 BRADSHAW, DAN;17136 HIDALGO DR;PERRIS, CA 92370
CASB044 FITZ, CHARLES;879 VALENCIA DR;COLTON, CA 92324
CASD048 REICHEL, THOMAS E;3459 THORN;SAN DIEGO, CA 92104
CASF023 MSGT OTTENS, DONALD J;P.S.C. BOX 411;
APO SAN FRANCISCO, CA 96264
CASF024 TOMKINSON, DONALD L;PSC1 BOX 1465;
APO SAN FRANCISCO, CA 96286
CN 059 SEIGEL, J.W.;27 BRAINARD RD;WEST HARTFORD, CN 06117
CO 033 SP5 CROWELL, GARY LEE;
PO BOX 536 FITZIMMONS A MED CTR;AURORA, CO 80045
FL 132 PETOW, EDWARD M;7424 SW 129 CT;MIAMI, FL 33183
FL 133 DANIELS, JAMES E;415 NORTH HILLTOP ROAD;
BRANDON, FL 33511
GA 040 BOOKER, DONALD JR;1961 PEELER RD;DUNWOODY, GA 30338
IA 031 MARR, DONALD J;3432 7TH AVE;
COUNCIL BLUFFS, IA 51501
IL 208 COHEN, RONALD D;511 W ALDINE AVE APT 3F;
CHICAGO, IL 60657
IL 209 FUHRIMAN, CRAIG E;114 S HOME AVE;
PARK RIDGE, IL 60068

IL 210 RATCLIFF, DENNIS;607 16TH AVENUE;FULTON, IL 61252
IL 211 VICTOR, FRANK;2556 W 46TH ST;CHICAGO, IL 60632
IN 057 CROWDER, WILLIAM W;629 NORTH ST;LAFAYETTE, IN 47901
IN 058 DELONG, TIM;8620 W 82ND ST;INDIANAPOLIS, IN 46278
KS 023 GREGORY, RICK;525 E 8TH;CONCORDIA, KS 66901
KY 032 LYKINS, TOM;317 SULLIVAN ST;LOUISA, KY 41230
KY 033 WEMHOENER, MIKE;P.O. BOX 110;FORDSVILLE, KY 42343
KY 034 GORMAN, JOHN F;143 CHENAULT RD;LEXINGTON, KY 40502
LA 029 MIRE, PATRICK;MRH BOX 5D;HACKBERRY, LA 70645
MA 102 DUGUAY, ULRIC A;37 HIGHLAND ST;ORANGE, MA 01364
MA 103 ROBINSON, EDWARD T;20 OSBORNE AVE;READING, MA 01867
MD 058 VESPERMANN, LARRY;4106 OVERLOOK CT;
DUNKIRK, MD 20754
MI 104 ASH, JAMES D;36670 PINETREE;LIVONIA, MI 48150
MI 105 RIMES, LEWIS;5360 WHITE CREEK ROAD;
MARLETTE, MI 48453
MI 106 QUISENBERRY, JON H * ADDRESS WITHHELD BY REQUEST 48024

MO 065 GINDRA, JEROME J JR;3084 BELLERIVE DR;
ST LOUIS, MO 63121
NJ 141 BIXLER, HOWARD J * ADDRESS WITHHELD BY REQUEST 08759

NJ 142 TAKSLER, STEPHEN N;143 JEFFERSON BLVD;
EDISON, NJ 08817
NY 188 DUNNE, STEPHEN T;P.O. BOX 149;BRONX, NY 10463
NY 189 HALL, SHERMAN R II;HAMILTON COLLEGE #831;
CLINTON, NY 13323
NY 190 HUNTINGTON, CHARLES G MD;950 FOREST AVE;
RYE, NY 10580
NY 191 JAACOBOWITZ, JEREMY;159-21 71ST AVENUE;
FLUSHING, NY 11365
NY 192 LAGANA, FRANK;451 WARREN STREET;BROOKLLYN, NY 11217
NY 193 LENROW, ROBERT * ADDRESS WITHHELD BY REQUEST 10965
NY 194 LUDWIN, WALTER SR;64 NEWELL ST;BROOKLYN, NY 11222
NY 195 MILLER, KARL J;4767 LAKE ROAD;BURT, NY 14028
NY 196 REICHLERS, STANLEY;68-388 YELLOWSTONE BLVD;
FOREST HILLS, NY 11375
OR 046 DAVIS, ROD;P.O. BOX 46;CANBY, OR 97013
PA 153 GABER, MICHAEL D;RR 1 LOGAN ROAD ;
GIBSONIA, PA 15044
TX 105 LINNANE, WILLIAM J;7714 RENWICK APT 40;
HOUSTON, TX 77081
UT 010 DIMICK, DENNIS L;4161 SOUTH 2700 WEST;
SALT LAKE CITY, UT 84119
VA 062 BAILEY, PAUL G;10744 MAIN ST APT 201;
FAIRFAX, VA 22030
VI 063 STARK, STEVE;4003 THORNTON ST;ANNANDALE, VI 22003
WI 050 STOCKFISH, ROBERT A;8941 N 91ST ST;
MILWAUKEE, WI 53224
WV 018 DAMRON, FRED C;RT 2 BOX 414;FORT GAY, WV 25514

MEETING NOTICE

The Dallas-Fort Worth Chapter of the Radio Communications Monitoring Association will hold its regular bi-monthly meeting THIS Saturday night.

SPEAKERS: Fred Varian---"LISTENING TO MA BELL'S MOBILE PHONES"
(Fred is one of Ma's children)
David Coursey-"LISTENING TO THE LIVE VANS"
(David is the Dallas street reporter for KLIF/KPLX and listens to find out what the other radio/tv stations are doing)

REGULAR FEATURE: "LET ME SPEAK TO THE SCANNER FREAK"
(We field any and all questions relating to the scanning hobby)

PLUS---SUPER HANDOUTS---BROADCAST TWO-WAYS---MOBILE PHONES---TEXAS DEPARTMENT OF PUBLIC SAFETY---NEW DALLAS FIRE CHANNELS---NEW HAM LIST

REFRESHMENTS: Provided by RCMA Denmothers

BRING WITH YOU: Friends, three self-addressed stamped (20¢) envelopes bulletin mailings and a contribution for our beleagured treasury.

WHEN: THIS SATURDAY NIGHT, NOVEMBER 21ST, 1981, 7PM SHARP

WHERE: 500 GRANTS PARKWAY, THE STONERIDGE HOMEOWNER'S ASSN. CLUBHOUSE IN ARLINGTON

FOR MORE INFORMATION: Call Mike Pruden at Metro 461-2602 or Larry Van Horn, 642-8407

A SPLENDID TIME IS GUARENTEED FOR ALL!!!!!

RCMA

SCANNING
Dallas/Fort Worth

15 November, 1981
Published by the Dallas/Fort Worth Chapter of the Radio Communications Monitoring Association.

MEETING NOTICE

Our November meeting is scheduled for THIS Saturday night (11/21/81.) If the enclosed meeting notice is missing, call Larry Van Horn at 642-8407.

DFD REPEATER REVERSE

The Dallas Fire Department is in the process of reversing or flip-flopping the input and output frequencies for their VHF channel one repeater system. According to Communications Chief Jack Hickey, this is being done as part of the department's plan to reduce interference from other fire department radio systems. Eighteen months ago, the decision was made to move the department's engine and truck responses from channel one to channel three and to modify the channel one system. This was done because of increasing interference from the Austin fire department.

OLD:	Channel 1	154.415 IN	154.070 OUT	
NEW:	Channel 1	154.070 IN	154.415 OUT	(Backup MICU and Media Information)
	Channel 2	154.445 IN	154.130 OUT	(MICUs)
	Channel 3	154.220 IN	153.890 OUT	(Main Response Channel)
	Channel 4	154.340 IN	154.160 OUT	(Pagers, Fireground---portables use this as a simplex channel)
	Channel 6		460.575 OUT	(Dispatch)

It was originally planned to return the engines and trucks to channel one as a response channel once the new system became operational, however that is not the present plan. Note: There is no channel five at present, Chief Hickey hopes that someday the 154.280 fire mutual aid channel will become DFD channel five.

MORE DFD NEWS

DFD MICUs are now using MED9 (462.950) to contact various Dallas hospital to relay information about the condition of non-critical patients, in lieu of contacting BIOTEL as was done previously. DFD is joining a growing list of local EMS providers using MED9 on a regular basis. (The MED and BIOTEL systems will, along with other EMS radios, be discussed in a future bulletin.)

HOUSING AUTHORITY SECURITY

Rest safe, America. The Dallas Housing Projects are now being protected by the Force. No, don't expect Luke Skywalker and the other Jeddi knights to be shooting (sic) around the Roseland Homes. Instead, we're discussing the legendary Dallas Security Force, which provides security services for all buildings owned by the good people of the City of Dallas.

(MORE)

(Housing, continued)

F1---453.550 Simplex F2---453.850 OUT F3---453.550 OUT

INTRUDUCING SCANNING: DALLAS/FORT WORTH

Here, right here in your hot little (sweaty) hands in the very first copy of SCANNING: DALLAS/FORT WORTH, the official organ of the Dallas/Fort Worth Chapter of the good ol' RCMA. This bulletin will arrive, as though shot from a cannon, in your mailbox the first week of every month. God willing and the creeks don't rise, the bulletin will have all the latest information about what's going on both on the air and in the local chapter. We need your help---send or call your contributions of material, gripes, etc. to either of the editors. We are: David Coursey, 348-3718 or Bill Cunningham, 690-1038. See you at the meeting!

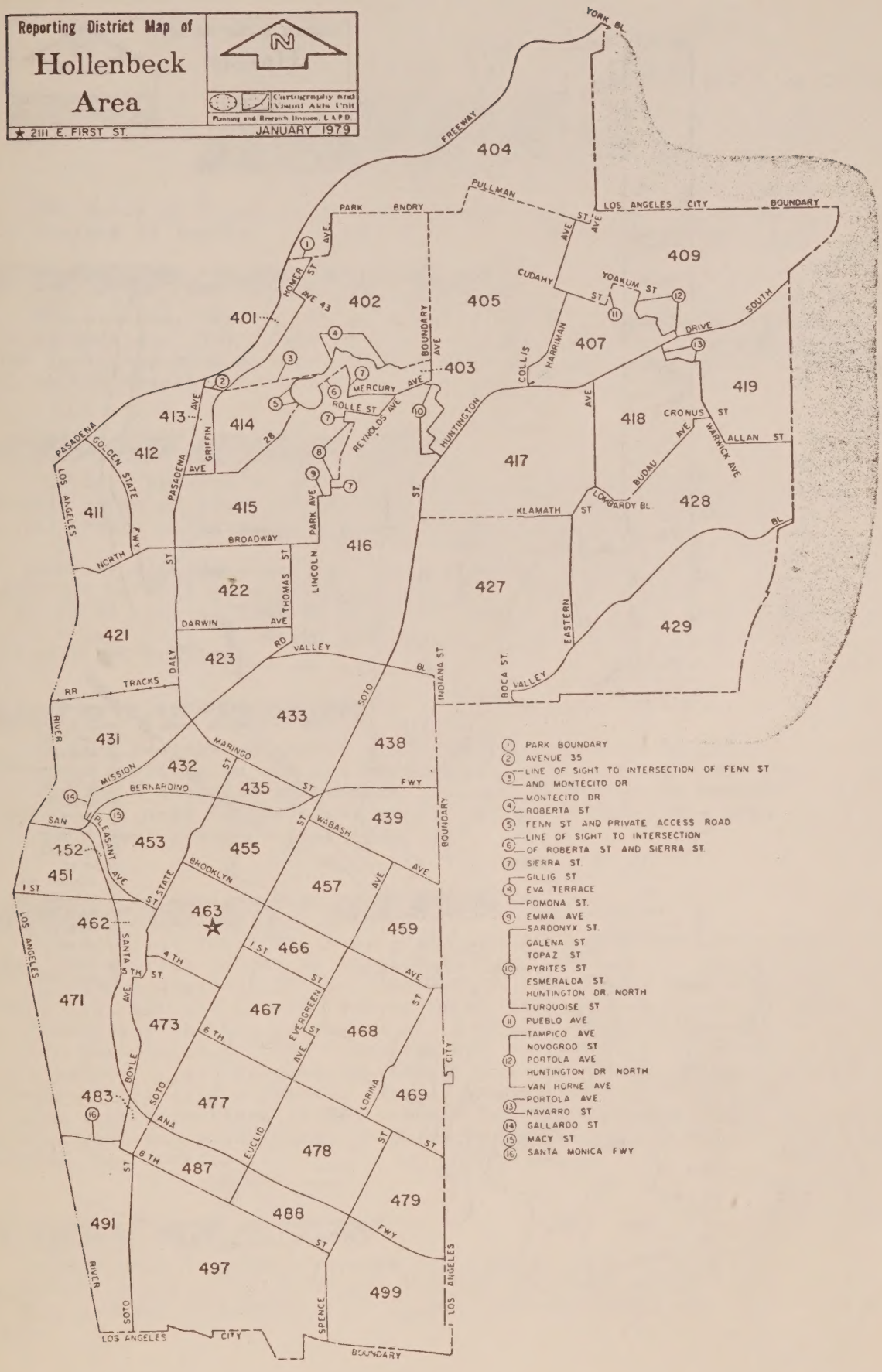
TIDBITS AND OUTRAGES: The newest "wonder from Cumberland" and the good folks at Electra is the BEARCAT 100. This is the pocket programmable that we've all been waiting for, breath held and turning blue since old man Tandy died. Whether or not this is the scanner of our dreams is still an open question. A source at Bearcat says the first shipment of "a few" BC-100's hit UPS early this month. Almost all of those radios were destined for distributor-types and others nearer to God that ye editor. But, here's the good news, I was promised that another shipment would hit the streets around the 15th---and one of those radios (12 actually) is headed for a local distributor. So, maybe by the meeting, please great Nicad pack in the sky, I'll have my BC-100 and you'll get to play with it.

Larry of Grand Prarie (Van Horn) certainly holds the title of one of the area's most ardent scanner nuts. But, Larry's done and gone a little too far this time. Seems at last check, LoGP (as his friends call him), was sitting around listening to the SPACE SHUTTLE. He'll tell how at the January meeting....Speaking of such, be there on the 21st of this month when ye editor (Coursey) discusses "LISTENING TO THE LIVE VANS" at the November meeting in Arlington....Meanwhile, out at radio ranch, MIKE BREWER has (for the second time) won the KLIF NEWSTIP OF THE MONTH award. Seems he heard about the pseudo-tornado that hit DFW airport over a scanner. Scanners, as we all know, hear it first!!!

CONTRIBUTORS: This issue takes shape thanks to the love and care of a great bunch of folk---namely Larry Van Horn, Mike Pruden, Mike Brewer and ye editors David Coursey (348-3718) and Bill Cunningham (690-1038.)

FINIS: If the bulletin is here because some good folks put in 110% then the chapter is here in large measure because of two very understanding wives, namely DFW/RCMA denmothers Sandy Pruden and Gayle Van Horn.

SCANNING: DALLAS/FORT WORTH is the monthly publication of the Dallas/Fort Worth Chapter of the Radio Communications Monitoring Association. We meet bi-monthly (Jan/Mar/May/July/Sept/Nov) on the second Saturday of the month. Activities are scheduled during the months in between. For more information call: Mike Pruden at metro 461-2602.


Reporting District Map of
Hollenbeck
Area
Cartography and Visual Aids Unit
Planning and Research Division, LAPD
★ 2111 E. FIRST ST.
JANUARY 1979
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MERCURY AVE
ROLLE ST
REYNOLDS AVE
HUNTINGTON DR
COLLIS AVE
HARRIMAN AVE
CRONUS ST
ALLAN ST
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NORTH BROADWAY
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LINCOLN AVE
THOMAS ST
DARWIN AVE
VALLEY BL
EASTERN AVE
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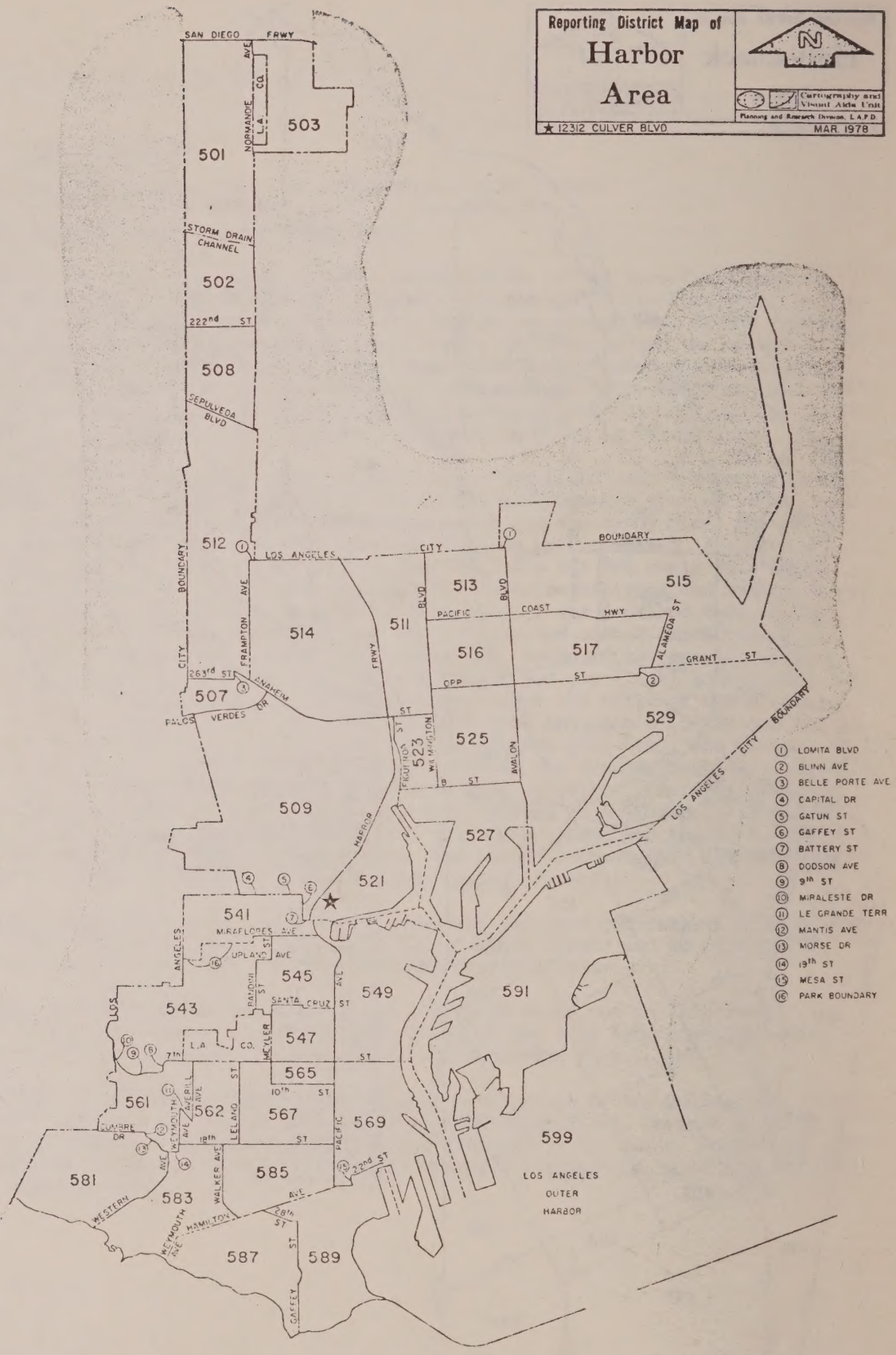
INDIANA ST
SOTO ST
MARENGO ST
MISSION
BERNARDINO
SAN GABRIEL
WABASH AVE
BROOKLYN AVE
EVERGREEN AVE
LORENA ST
EUCLID AVE
ANA ST
BOYLE AVE
SANTA FE
DALY
RR TRACKS
RIVER
PASADENA
GOLDEN STATE FWY
LOS ANGELES
GRIFFIN AVE
AVE 43
HOMER ST
AVE 28
1 ST
4 TH
5 TH
6 TH
8 TH
FWY
LOS ANGELES CITY BOUNDARY
SPENCE ST
1 PARK BOUNDARY
2 AVENUE 35
3 LINE OF SIGHT TO INTERSECTION OF FENN ST AND MONTECITO DR
4 MONTECITO DR
ROBERTA ST
5 FENN ST AND PRIVATE ACCESS ROAD
6 LINE OF SIGHT TO INTERSECTION OF ROBERTA ST AND SIERRA ST.
7 SIERRA ST.
GILLIG ST
8 EVA TERRACE
POMONA ST.
9 EMMA AVE
SARDONYX ST.
GALENA ST
TOPAZ ST
10 PYRITES ST
ESMERALDA ST.
HUNTINGTON DR. NORTH
TURQUOISE ST
11 PUEBLO AVE
TAMPICO AVE
NOVOGROD ST
12 PORTOLA AVE
HUNTINGTON DR NORTH
VAN HORNE AVE
PORTOLA AVE.
13 NAVARRO ST
14 GALLARDO ST
15 MACY ST
16 SANTA MONICA FWY


Reporting District Map of
Harbor
Area
12312 CULVER BLVD
MAR. 1978
Cartography and Visual Aids Unit
Planning and Research Division, L.A.P.D.
SAN DIEGO FRWY
NORMANDIE AVE
L.A. CO.
503
501
STORM DRAIN CHANNEL
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222nd ST
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SEPULVEDA BLVD
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LOS ANGELES CITY BOUNDARY
FRAMPTON AVE
263rd ST
ANAHEIM
PALOS VERDES DR
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FRWY
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PACIFIC COAST HWY
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GRANT ST
OPP ST
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AVALON BLVD
TERMINAL ST
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HARBOR FRWY
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UPLAS ST
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SANTA CRUZ ST
RANDOLPH ST
MEYLER ST
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L.A. CO.
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AVERILL AVE
KEYSTONE AVE
LUNARE DR
18th ST
LELAND ST
PACIFIC AVE
22nd ST
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WESTERN AVE
WALKER AVE
28th ST
HAMILTON AVE
WEYMOUTH AVE
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589
GAFFEY ST
LOS ANGELES OUTER HARBOR
LOS ANGELES CITY BOUNDARY
1 LOMITA BLVD
2 BLINN AVE
3 BELLE PORTE AVE
4 CAPITAL DR
5 GATUN ST
6 GAFFEY ST
7 BATTERY ST
8 DODSON AVE
9 9th ST
10 MIRALESTE DR
11 LE GRANDE TERR
12 MANTIS AVE
13 MORSE DR
14 19th ST
15 MESA ST
16 PARK BOUNDARY

NEWS

The R.C.M.A. Board is taking this opportunity to answer the many letters of inquiry we have had on the following topics.

MEMBERSHIP CARDS AND BADGES

The R.C.M.A. has no badges, decals, or membership cards for sale or distribution. The label on your newsletter is your membership card. Other clubs may have several gimmics or commercial good deals. Our good deal is the newsletter, which you as members get to write.

MEMBERSHIP RENEWAL DATE

The date printed by your membership number on your label shows the last month of your current membership. You should renew by this date to insure continuous reception of the newsletter.

Several misunderstandings have occurred due to the fact the newsletter we mail this month is carrying a cover date of next month. The advanced date is used to allow USPS to deliver your newsletter to you on time. Your letter is mailed approximately four days after the monthly board meetings.

PRORATED MEMBERSHIPS

To save postage and other complications, if your original membership application was not accompanied by the correct amount. You received a prorated membership label of less than 12 months. Please do not send in the extra amount to finish the year, just renew when your prorated date comes up.

SPECIAL FREQUENCY REQUESTS

Contact your local R.C.M.A. group for frequencies in your area or use the contact column of the newsletter. We are not yet set up for a national distribution of frequencies. We have discussed this possibility, but the current logistics of the newsletter has stopped us. Ultimately the big picture would include copies of the F.C.C. and I.R.A.C. data bases, a fast computer, and software to select and sort in any order. e.g. Frequencies along route 66 from Chicago to Tulsa in order of the cities passed. Should anyone want to bluesky on this announce your intentions in the Contact Column. We will get there. The Auto Club can plan a road trip, we should be able to give you a frequency map someday....

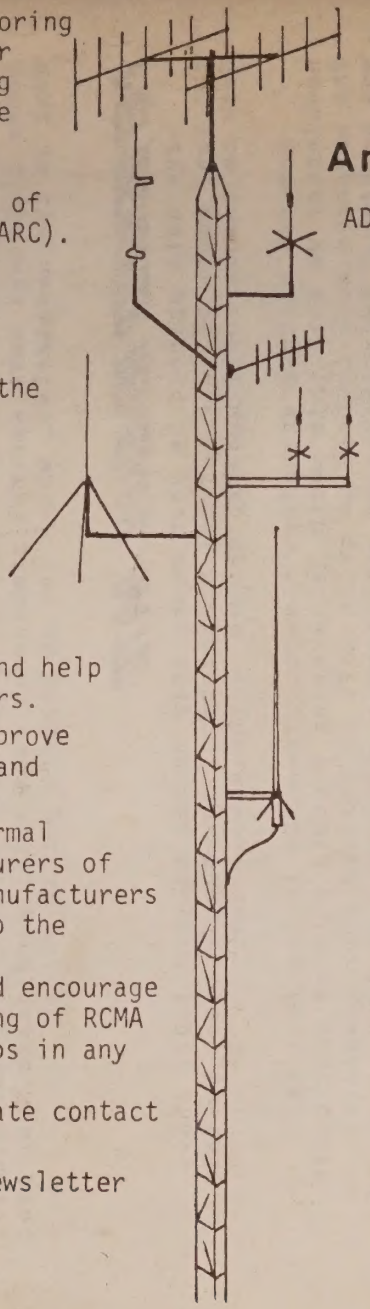
MATERIAL FOR EDITORS

Please send frequency reports and comments directly to the appropriate editor. Until we get the big data base system, the use of a central distribution P.O. Box for everything has lots of delays.

The Radio Communications Monitoring Association is a radio club for persons interested in listening to two-way communications above 30 MHz as a hobby. RCMA was founded in May 1975 and is a Full Member of the Association of North American Radio Clubs (ANARC).

The goals of RCMA are:

1) To provide a fraternity for those who seriously pursue the hobby of monitor radio listening.
2) To try to be knowledgeable about two-way radio systems and operations.
3) To promote an understanding of the legal and ethical uses of monitor receivers.
4) To share information with and help other monitor radio listeners.
5) To try to understand and improve receivers, antenna systems and related equipment.
6) To offer suggestions and formal recommendations to manufacturers of monitor receivers and to manufacturers of other products related to the hobby.
7) To offer suggestions for and encourage the organizing and conducting of RCMA meetings and tours for groups in any geographic area.
8) To encourage and to facilitate contact between members.
9) To publish a regular club newsletter devoted to the hobby.



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